



भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

विद्याधनं सर्वधनं प्रधानम्



उन्नत भारत अभियान
UNNAT BHARAT ABHIYAN

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ANNUAL REPORT

Regional Coordinating Institute (RCI)

Indian Institute of Technology Jammu

Jammu & Ladakh Region

Dr Gaurav A Bhaduri

(RCI Coordinator)

Dr Suchismita Roy

(PI Coordinator)

Mrs Jeyoti Kaul

(UBA Project Assistant)

Name of RCI	Indian Institute of Technology Jammu
AISHE CODE	U-0906

Surveys:

Village Survey and house hold survey

The Unnat Bharat Abhiyan team of IIT Jammu started village survey in the month of November 2019 along with the NSS volunteers of IIT Jammu. The baseline survey started with the villages Tanda, Jahrri and Jagti of Jagti Panchayat and village Panjgrain of Panjgrain panchayat of Jammu district. The village survey was followed by house hold survey of Tanda and Jarri and Jagti. During the surveys the team found the major problems faced by the villagers:

- Road connectivity
- Unaware of Govt. schemes like , old age pension, widow pension, kisan benefit schemes of central and state governments
- Unemployment
- Sanitation, garbage stagnation
- No govt. or private schools nearby
- No public transport

All these problems were noted down for the solutions.





Visit of psychiatrists to village Jarri and Jagti:

During survey the team identified two cases of severe Pshcho problems and both are girls, one from Jarri village and another one from Jagti village. UBA team arranged the appointments of two psychiatrists Dr. Abhiruchi Chatterji (community Psychiatrist) and Dr. Bhaskar Mukherjee (Neuroscience specialist) who happened to visit IIT Jammu during that period. The UBA team along with these eminent doctors visited both patients for treatment and prescribed the medicines and followup route.

Truck Drivers Survey stranded on NH-44 near our campus:

A survey of about 75 stranded truck drivers was done in the month January 2020 by NSS volunteers and UBA team to know about their habits of living on the roads and the difficulties they face to maintain their health and hygiene.

By the survey we came to know that there are almost no facilities available on National highways.

----No facility of drinking water, washrooms, bathing etc.

----They choose playing cards, smoking, listening loud music, using Internet during stranded period to come out of boredom and to pass time


----They go in open fields to deface

----they often drink and misbehave with the people around

Trucks stranded on Jammu-
 indiatvnews.com
 TUESDAY, OCTOBER 13, 2020
 ENGLISH
 INDIA TV
 LIVE TV
 VIDEOS INDIA IPL 2020 BUSINESS ENTERTAINMENT SPORTS HEALTH EDUCATION TECH PHOTOS WORLD BIGG BOSS 14

YOU ARE AT: English News > Video > News Video > Trucks stranded on Jammu-Srinagar highway from last 3 days

News Videos > Aaj ki Baat > Aap ki Adalat > OMG News > Entertainment > Kurukshetra > Astrology



Next Video

Jammu Police arrests 2 smugglers with Heroin worth Rs 20 crore in Nagrota

Jammu-Srinagar National Highway closed after Fresh landslides in

Hospital staff gives clarification on

COVID-19 WORLD 38,042,465

Trucks stranded on Jammu-Srinagar highway from last 3 days

Many trucks are stuck on Jammu- Srinagar National Highway near Nagrota town in Jammu from past 3 days. A truck driver from Punjab said, "It's been three days now."

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Response to Covid-19, awareness levels in the village and how the villages withstood challenges posed by COVID-19

Introduction

In response to pandemic caused by SARS-COV-2 (i.e. COVID-19) our social responsibility as an academic institute of higher education has given us a pristine opportunity to work for the betterment of the society that we are a part of.

IIT Jammu adopted **5 villages** so far under Unnat Bharat Abhiyan, with almost 6500 population, coming under three Panchayats. We did a small study to understand the current situation of our adopted villages. We collected information to understand the awareness level, practice, challenges and how the villages withstood challenges posed by COVID-19.

Methodology

Information collected and verified through key-informants interview and field visits.

Discussion

Table1. Socio-economic condition and mode of awareness

Name of Adopted Village	Name of Panchayat	Ward No.	Diagnised Covid cases till now	Mode of Awareness for Covid-19	Tests so far	Poputation (M/F/Children)	Occupation
Kamini	Nagrota	8	Nil	State Govt & Local Panchayat	Nil	total 400 , M-275 F-175	10-15 % Working Class, rest Daily Wagers
		9	Nil	State Govt & Local Panchayat	Nil	total 350 , M-195 F-155	10-15 % Working Class, rest Daily Wagers
Dammi	Nagrota	2	Nil	Radio/ TV/ Local Panchayat	Nil	total 400 , total M-210 F-190	20-35 % Working Class, rest Daily Wagers
		10	Nil	Radio/ TV/ Local Panchayat	Nil	total 500 , IM-350 F-250	20-35 % Working Class, rest Daily Wagers
Porain Sthakla Panjgrain	Panjgrain	2	Nil	Radio/ TV/ Local Panchayat/IIT	Nil	1150 total , M-600 F- 550	20% Working Class, farmers farming local corps
Kawara Panjgrain		3		Radio TV/ Local Panchayat/ IIT	Nil	total 390 , M-200 F-190	Gujjar Population, Dairy Farming, sell their product
Tanda	Jagti	4	Nil	Radio/ TV/ Local Panchayat	Nil	total 1200 , M-650 F- 550	5-10% Working Class, Gujjar Population, Dairy Farming, sell their product
Jahri, Jagti		5	Nil	Radio/ TV/ Local Panchayat	Nil	total 2000 M-1100 F- 900	Gujjar Population are in need of help , very poor and needy , no help has reached them

In the initial phase of lock down UBA team of IIT Jammu went to villages of Panjgrain panchayat and distributed masks and spread awareness through door to door visit. In the surrounding villages a good number of working people are dependent on IIT Jammu for their living.

During our visit to villages we observed, police and volunteers from villagers (high school students and youth) are strictly maintaining surveillance and in shops, buyers are also keeping social distance.

Health situation

We also collected information about elderly (see table 2 for details). Till now they are getting help from the police and other villagers to access health facilities outside villages. Though villagers are maintaining social distances and other prescribed norms, knowledge and understanding about the virus is not sound. Markets remain open only once during the morning for four hours.

Table 2. Health condition and response to Covid-19 during lockdown

Name of Adopted Village	Ward No.	Name of Panchayat	Diagnis ed Covid cases till now	Wear Masks and Maintain Social Distancing as reported	Tests so far	Time of market purchase	Health problems other than Covid-19 faced by the villagers during lockdown
Kamini	8	Nagrota	Nil	Yes	Nil	Earlier it was Morning as well as evening, now it is only Morning time from 8 a.m. to 12 o'clock	Kidney problem of one elderly of Kamini village who has to go for dialysis
	9		Nil	Yes	Nil		Two deliveries in Shalamar Hospital Jammu
Dammi	2		Nil	Yes	Nil		
	10		Nil	Yes	Nil		
Porain Sthakla Panjgrain	2	Panjgrain	Nil	Yes	Nil		Kidney problem of 2 persons of Panjgrain who have to go for Dialysis once a week
Kawara Panjgrain	3			Yes	Nil		-
Tanda	4	Jagti	Nil	Yes	Nil		
Jahri, Jagti	5		Nil	Yes	Nil		-

Apart from State Government and panchayat initiatives some NGOs like Sewa Bharati, SAT India, and Khadi Gram Sabha are also helping these villagers by distributing food and necessary goods in the villages apart from two villages of Panjgrain and Jarri. However, these services are not regular and not evenly distributed. 15 Families got bank Payment in their account in advance for the gas cylinder.

Migrant labourers

In the surrounding villages construction workers of IIT and IIM Jammu are staying and they couldn't go back to their native place. So far we have identified around 175 migrant families along with a large number of single migrant men (see table 3 for details). Many people are going through the crisis. Until now they got some edible oil, Rice, atta, washing and bathing soaps and one mask per person from the panchayat for 15 days consumption per family irrespective of the family size. Amount distributed by panchayats is not even in all these villages.

Table 2. Situation of Migrant workers and response to Covid-19 during lockdown

Name of Adopted Village	Ward No.	Name of Panchayat	Diagnosed Covid cases till now	Migrant labourers Stranded	Profession	Source of livelihood of migrant labourers this time	distributing agency	Distributing items
Kamini	8	Nagrota	Nil	20 families from UP MP Jarkhand	construction workers of IIT, Local street vendors, Daily wagers, mistry	Dependent on Govt. ration distribution and NGO Help	State Govt+NGOs(SAT india from Jammu/ khadhi Gram Sabha)/ Local Panchayat	1 litre Oil 5Kg Rice 5kg Atta 1 Washing soap 1 Bathing Soap 1 masks to each member by panchayat, door to door mode
	9		Nil	10 families from MP Bihar	construction workers, Local street vendors, Daily wagers, mistry			
Dammi	2		Nil	62 families from UP MP Bihar	Construction Workers of IIM	NGO Help only	NGOs(Sewa bharati)/ Locals	1 litre Oil 10Kg Rice 10kg Atta 1 Washing soap 1 Bathing Soap 1 masks to each member by panchayat, door to door mode
	10		Nil	10 Families	Construction Workers of IIM	Local political party Wokers/ Panchayat/Local Volunteers	Local Help/ NGO(Sewa bharati)	
Porain Sthakla Panjgrain	2	Panjgrain	Nil	No Outsider	Nil	Nil	Nil	Distribution of Masks by IIT Jammu UBA Team
Kawara Panjgrain	3		Nil	No Outsider	-	Dependent on Govt. ration distribution and Ngo Help	-	Distribution of Masks by IIT Jammu UBA Team
Tanda	4	Jagti	Nil	6 families 22 families 10 families 25 families total---63 Families and 190 Workers from MP, UP, Bihar, Jarkhand	Construction workers of IIT Jammu, Construction Workers of IIM, Construction Workers of Ring Road, Construction Workers Jagti Migrant Township Painting Project	Dependent on Govt. ration distribution and Ngo Help	State Govt/ SAT india from Jammu/ NGO from khadhi Gram Sabha/ Local Panchayat	1 litre Oil 5Kg Rice 5kg Atta 1 Washing soap 1 Bathing Soap 1 masks to each member by panchayat, door to door mode
Jahri, Jagti	5		Nil	6 families and 20 Workers from UP	Construction Workers of Ring Road	Nil	Nil	Nil

Challenges:

1) It is observed and shared by villagers that those who are staying near roads with good social networks are getting benefits from Govt. and NGOs and those **who are staying in the interior or uphill are not getting any help like the Gujjar's**, in Jarri villages. Food stock they had for they are almost over and they are yet to get outside help till now.

- 2) Most of the villagers, **daily wage labourers** dependent upon outside help, only received 15 days' food so far and getting further help is uncertain.
- 3) Migrant labourers, who are mostly from UP, Bihar and Jharkhand want to go back to their respective villages. However, they on and off are getting little support from the contractor with whom they are working.
- 4) **Govt. school students** are mainly from humble backgrounds and facing problems with their class. As Govt. schools, here in Jammu, mostly do not have infrastructure to support online classes and many times students don't have access to mobile or computer unlike private school students. Teachers are giving them assignments and notes which for many find a challenging way to learn.
- 5) So far, no tests were done for COVID-19 though few elderly, the most vulnerable age group, with their caregivers, are regularly visiting the city hospital for their treatment.

IIT Jammu's response

In this regard the students of IIT Jammu under the NSS program and social welfare club have started some innovative initiatives that are as follows:

1 Distribution of food for Migrant workers The students are managing daily distribution of food to average 31 Migrant workers, from UP, Jharkhand and Bihar involved in construction works and stuck at IIT Jammu, as well as spreading awareness about COVID-19 among them. Leading by example, the students are also demonstrating the necessary precautions that need to be taken in order to limit the spread of the disease, as prescribed by the government and Medical Unit of IIT Jammu.

2 Online lecture series for Govt. School students Other than this, the students are also in the process of preparing lectures for 8th,9th and 10th classes for mathematics and sciences courses. Currently two teams are working on this. The first team is preparing course materials, whereas the other team is working on video that would effectively be able to convey the concepts to the target audience. Their major focus is on government school students who are severely affected by this lockdown. Additionally, the students plan to make these videos in Hindi and English so that it is accessible to the majority of students. Later, the plan is to recreate the same video in other native languages to reach more students. This will involve students who speak the respective languages from the cohort.

3. Myth Busting and Information update

On similar motivation, a four member team is involved in developing an App for spreading awareness on COVID-19. The App will contain recent updates regarding:

1. Newly added cases both state wise and approved by the central government
2. Update on any advisory related to the same issued by the government officials.
3. Contain myth busting videos, under guidelines of WHO and MOHW.

These are some basic points on which the prototype app will be based. Currently the students are working on the building platform. Later, we plan to add more features for other diseases as well.

4. Spreading awareness and Masks Other than this, under the UBA Scheme, we are in touch with the sarpanch and panchayat of the five villages that we have adopted. Mrs. Jeyoti Kaul has informed that some of these villages are not very aware of the problems associated with COVID-19 nor are they taking any precautionary measures. We are working to help these villages as well, with the limited resources that we have without jeopardizing the safety of all involved. I would like to thank Mrs. Jeyoti Kaul for her help and coordination for the same.

As Regional Coordinating Institution:

The Regional Coordinating Institute - IIT Jammu that is overlooking the UBA activities of Jammu division and Ladakh Union Territory, the following activities are been undertaken during the COVID-19 pandemic

IIT Jammu-(RCI) created a Whatsapp group of all PIs and panches, surpanches and local volunteers, social activists of the adopted villages (Figure 1). This was done in order to share important information regarding COVID-19. The UBA activities were administered and monitored using this platform. It also served as a good submission of new ideas to create more and effective awareness measures.

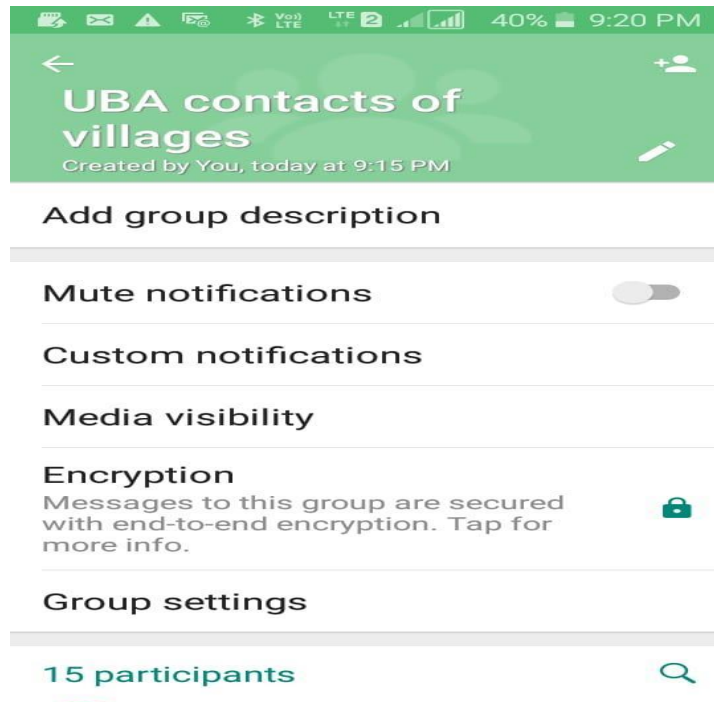


Figure 1: Screen shot of the WhatsApp group of different villages and PI's.

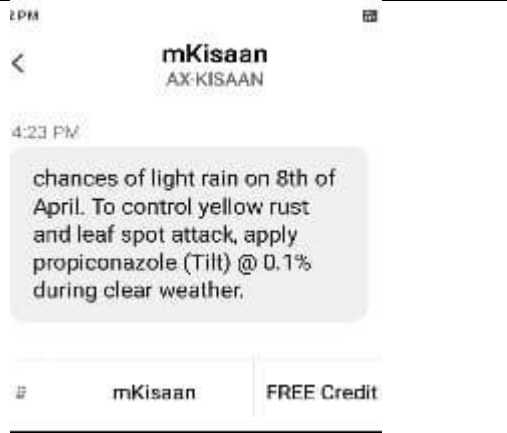
As a PI, IIT Jammu prepared many videos such as making of masks, preparing sanitizers, importance of social distancing. These were shared with the PIs as well the village panchayat workers.

Additionally, as a PI-IIT Jammu, along with IIT Jammu-Campus Aesthetics Unit, prepared posters, highlighting the important precautions to be taken to reduce the risk of COVID-19. These handmade posters were displayed in rural as well as urban areas. The location of these posters were near public places such as ATM, main Chowk, Grocery shops and vegetable shops and in and around IIT Jammu Campus.

The NSS and Social Club Volunteers of IIT Jammu are in process of preparing online lecture series for government School students especially for 8th to 12th standard.

As an RCI have, IIT Jammu is overlooking 13 PIs, including IIT Jammu itself, one from Ladakh UT and 11 from Jammu division. The following is the progress report of the PIs (yet received)

Name of PI	Mode of Awareness regard the precautions taken for COVID-19 in the villages	Any positive case in their adopted villages	Wear Masks and Maintain Social Distancing	Migrant labourers Stranded	Distribution done by the Participating Institutes
Indian Institute of Technology Jammu, NH-44, Jagti Nagrota	Dissemination of authentic information via hoardings and displaying poster in public place like ATMs, grocery shop etc. TV/ Radio/ door to door awareness by panchayat workers In initial phase of lockdown the awareness was spread through door to door mode the UBA team along with local volunteers The IIT Volunteers demonstrating the necessary precautions that need to be taken to limit the spread of the disease	No	Yes, strictly adhering to the lockdown and social distancing norms	Identified 175 migrant families from UP, MP, Bihar and Jharkhand along with large number of single migrant men.	Masks and sanitizers were distributed among the villagers The NSS and social welfare club volunteers daily distribute food to average 31 migrant workers of UP, Jharkhand and Bihar involved in construction works of IIT Jammu
NITS Polytechnic Miran Sahib Jammu	TV/ Radio/ door to door awareness by panchayat workers	No	Yes, strictly adhering to the lockdown and social distancing norms	30 families of UP and MP	Sanitizer bottles, ration kits (Dal, Oil, wheat, Rice etc.)
SKUAST Jammu	Agro advisories to farmers through mKisan portal	No	Yes		Fabrication of masks by the SHGs in the villages

					
BGSB university Rajouri	Organized awareness programme regarding the symptoms and preventive measures of COVID-19	No	Yes, strictly adhering to the lockdown and social distancing norms	No outside labourers	District administration provide ration, groceries etc. to the needy poor section of society
GDC Reasi	Awareness through panchayat workers, through poster, posting awareness videos on social media, local news channels	No	Yes, strictly adhering to the lockdown and social distancing norms	No outside labourers	Distribution of masks to each and every member of adopted village
Govt. Polytechnic Virkam Chowk, Jammu AISHE Code-U-0631	<p>Dissemination of authentic information via hoardings and hanging charts</p> <p>Development of online health service app (Dr4uOnline) by the faculty Rameez Rashid and Shakeel Ahmed, so far 300 people have registered for consultation</p> <p>Design and manufacturing of decontamination tunnel. The making is under process</p>	No	Yes	Presence of migrant labourers in Bassi Khurd village	<p>District administration provides ration, groceries etc. to the Labourers.</p> <p>Masks were prepared and sanitized and then handed over to primary health care centres of the villages</p>
Central University of Jammu AISHE Code-U-0631	Created What Sapp group in March 2019 for providing guidance/career counseling and engaging the youth of adopted villages		The same what Sapp platform was used to spread awareness regarding social distancing/usefulness of wearing masks etc.		

Challenges:

Following are the challenges that are encountered during the implementation of the COVID-19 lockdown and precautionary measures:

1. The migrant workers from other states were in need of ration. It was observed by the villagers that those who are near the main roads were getting these benefits, however, those who are staying in the interior or uphill were not getting any essential supplies.
2. Lack of transportation has led to a crisis situation for small scale farmers and florists. Most of them are unable to send their produce/flowers to the market. This is resulting in heavy losses for their livelihood.
3. Additionally, there have been reports of improper cultivation practices being followed due to the pandemic situation.
4. The pandemic situation has gravely affected the single women householders who run a living based on daily wages. Due to lack of day work, they are unable to provide for their families.
5. One of the greatest point of concern is the lack of COVID-19 testing for villages. So far no tests were done in any of these villages.
6. Shortage of masks is another issue. In this regard, awareness for making homemade mask has been initiated by the PI's in the region.
7. Migrant labourers who are mostly from UP, Bihar, Jharkhand want to go back to their respective villages. However they sporadically get little support from the contractors under whom they are employed.

Following are some of the images of the Activities that have been undertaken during the COVID-19 Pandemic lockdown.



Figure 2: Screen shot of the online health service app
Govt. Polytechnic Virkam Chowk, Jammu



Figure 3: Designing of Posters (IIT Jammu)



Figure 4: Guidance to farmers (SKUAST Jammu)



Figure 5: Women stitching face masks.



Figure 6: Public maintaining social distancing



Figure 7: Displaying Posters at various (IIT Jammu)



Figure 8: Awareness Poster (IIT Jammu)

Formation of Self Help Group in adopted villages:

With the arrival of COVID-19 pandemic, most of the villagers who were dependent on daily waging like street vendors, hawkers, public transport runners, factory workers, small shop owners etc., got affected and most of them either lost their jobs or return home to be with the families. During that crucial period the UBA team tried to build communication with the village women and whom we find self-motivated were ready to work.

The team went on trying and with the continuous communication, these women formed the self-help group “Jai Laxmi Mata” of 8 members, which they started with the collection of mere 100 rupees per member per month and opened the group bank account too, where Mrs. Poonam Devi is President of SHG, Sunita Devi, Secretary and others are members of the SHG.

The UBA team went with the concept of Mask making, which was the need of hour. Initially we tried simple templates as a trial and improvement process will continue.





Skill Training:

The UBA not only motivated, also but restarted the SHG by providing:

- Template development training
- Fabric and other related material for samples
- Marking, cutting and sewing training
- Finishing and Packing





Installation /Arrangement of latest sewing machines for SHG:

After the formation of SHG, there was an urgent need of better sewing machines, big cutting table and scissors and they were provided a cutting table and scissors by the by UBA team of our institution and a communication with build by our team for sewing machines with Kalamkari Centre Society, a society which has past history of working for women empowerment. The society agreed to donate three Pedal Sewing Machines ----one with an electric motor that added speed in the production of masks.





Branding of Products made by beneficiaries:

“hia” brand is introduced for the products that will be made by Self Help Groups

created by UBA cell of IIT Jammu. Design inputs are given by DFO (Design Fly over) Delhi based designers in coordination with UBA team of IIT Jammu.





Lecture on Prosperity of India through Science and Technology:

Prof J.B. Joshi (Padma Bhushan) from IIT Mumbai delivered an online Public Lecture on "Prosperity of India through Science and Technology". The lecture was organised by Department of Chemical Engineering IIT Jammu in association with UBA-IIT Jammu and NSS-IIT Jammu on 151th birth anniversary of Mahatma Gandhi on 2nd October 2020 between 3.30 p.m. to 5.30 p.m.

Prof. Joshi while sharing his knowledge and expertise guided the participants that we as technical institutions shall be the creators of sprouting knowledge and design cutting edge

technologies that will have the greatest impact on society and benefit the mankind at large. He further suggested that the leading global Universities, Institutions shall provide transformative education to create leaders, innovators to generate new knowledge. While summarizing his lecture, he said that although we have received political freedom in 1947, but still we are more than 90% dependent in terms of technologies and new knowledge therefore we need to begin with yet another freedom fight for own abundant knowledge, innovations and wealth.



Unnati Ki Kahani, Chitron Ki Jubani

 Name of the Institute	INDIAN INSTITUTE OF TECHNOLOGY JAMMU, JAGTI NH44, NAGROTA J&K
AISHE Code	U-0906



**Survey of village Panjgrain by the faculties:
Children of many villages have to cross this Nallah twice to school.**



**House hold survey of village Tanda, Jagti panchayat by NSS
Volunteers of IIT Jammu with UBA team of IIT**



**Meeting the Medical staff and understand health access behavior
Vaccination of Nomadic women and their children, Sub Health Centre Jagti**

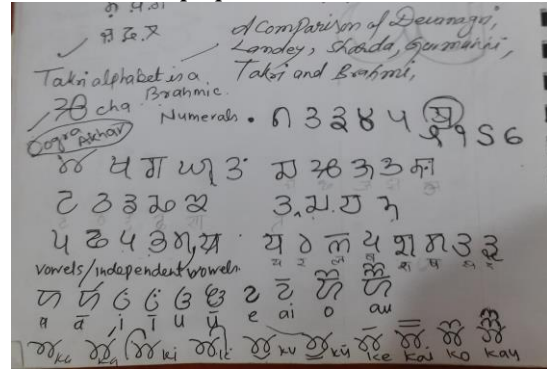
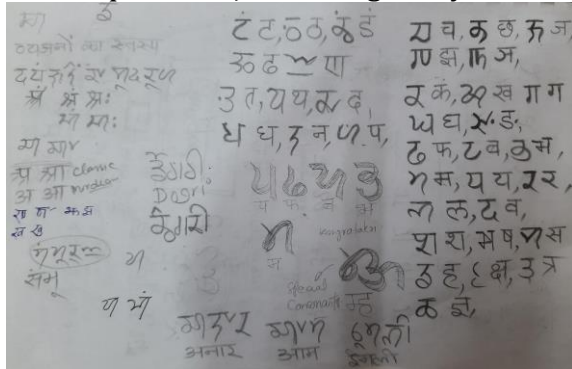


**Listening to them:
Meeting with Asha Worker and Panch village : Curly, Jagti Panchayat, Block Nagrota regarding village and household survey**

Unnat Bharat Abhiyan written in Dogri:

उन्नत भारत अभियान

Unnat Bharat Abhiyan written in Dogri Language. The UBA team went to Dogra Sanstha Karan Nagar, Amphalla Jammu to get the original version of Dogri lipi. There we came to know that Dogri language is the combination of two Lipi's "Takri Lipi" and "Landey Lipi" and is spoken in Jammu region by almost 70% of the local population.



RCI Meetings with PI's:

1 An informal meeting was called on by the Regional Coordinating Institute (RCI) to interact with the Participating Institutes (PI) to discuss the issues faced by all the PI's. The meeting was organized using google meet from (16:00-17:00) and minutes of the meeting were circulated soon after the meeting.

2 Another informal meeting was called on by the Regional Coordinating Institute (RCI) to interact with the Participating Institutes (PIs) to discuss the issues faced by all the PI's. The meeting was organized using google meet on 15 July, 2020

Internal Meetings:

An informal meeting was called on by the Regional Coordinating Institute (RCI) Coordinator to discuss the financial issues faced by all the PI's. These issues were raised during the PIs

New PI targets:

- 1 Govt. Medical College Jammu
- 2 Acharya Shri Chander College of Medical Sciences and Hospital
- 3 Govt. Indira Gandhi Dental College, Amphalla
- 4 Cluster University, Jammu
- 5 Indian Institute of Management
- 6 Govt. College of Engineering & Technology Jammu
- 7 Govt. Women's Polytechnic, Shiv Nagar
- 8 Rajeev Gandhi College of Education, Kathua Jammu

Celebrating 151th Birth Anniversary of Mahatma Gandhi and launch of "hia" Brand:

UBA team of IIT Jammu distributed Cotton Bags and Khadi Masks on the eve of 151th birth anniversary of Mahatma Gandhi in Jagti village Panchayat. These Bags and Masks of “hia” brand were made by our SHG “Jai Laxmi Mata” on payment, just to encourage the SHG and to introduce the brand. There was around 100 participants present on the event including Punch of ward No. 6 (Mrs. Poonam), Punch of ward No. 8 (Mr. Pardeep Singh) and village elders of Jagti.







