

**Unnat Bharat Abhiyan Cell,
Jaypee Institute of Information Technology,
Noida
(AISHE Code: U-0522)**








Compendium of Activities



**Jaypee Institute of Information Technology, Noida
A-10, Sector-62, Noida, Uttar Pradesh-201309, India**

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	Online Webinar on National Education Policy 2020	23/09/2020

Introduction

The 'Unnat Bharat Abhiyan (UBA)' is the flagship program of Ministry of Education, Government of India.

Background and Need

As foreseen by Gandhi Ji in his seminal work, 'Hind Swaraj', the western developmental paradigm, based on centralized technologies and urbanization, has given rise to serious problems like increasing inequity (leading to crime and violence), and climate change due to rapid ecological degradation. To ameliorate these problems, it is necessary to promote development of rural areas in tune with Gandhian vision of self-sufficient 'village republics', based on local resources and using decentralized, eco-friendly technologies so that the basic needs of food, clothing, shelter, sanitation, health care, energy, livelihood, transportation, and education are locally met. This should be the vision of holistic development of villages. Presently, 70% of the population in India lives in rural areas engaged in agrarian economy with agriculture and allied sector employing 51% of the total work-force but accounting for only 17% of the country's GDP. There are huge developmental disconnects between the rural and urban sectors such as inequity in health, education, incomes and basic amenities as well as employment opportunities - all causing great discontent and large-scale migration to urban areas. The imperatives of sustainable development which are being felt more and more acutely all over the world also demand eco-friendly development of the villages and creation of appropriate employment opportunities locally. Increasing urbanization is neither sustainable nor desirable. So far, our professional higher education institutions have largely been oriented to cater to the mainstream industrial sector and, barring a few exceptions, have hardly contributed directly to the development of the rural sector. Unnat Bhārat Abhiyān (UBA) is a much needed and highly challenging initiative in this direction.

History

The conceptualization of Unnat Bharat Abhiyan started with the initiative of a group of dedicated faculty members of Indian Institute of Technology (IIT) Delhi working for long in the area of rural development and appropriate technology. The concept was nurtured through wide consultation with the representatives of a number of technical institutions, Rural Technology Action Group (RuTAG) coordinators, voluntary organizations and government agencies, actively involved in rural development work, during a National workshop held at IIT Delhi in September, 2014. The workshop was sponsored by Council for Advancement of People's Action and Rural Technology (CAPART), Ministry of Rural Development, Govt. of India. The program was formally launched by the Ministry of Education (MoE) (formerly Ministry Human Resource Development (MHRD)) in presence of The President of India on 11th November, 2014.

Vision

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India.

Mission

The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between

society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

Goals

- To build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India.
- To re-emphasize the need for field work, stake-holder interactions and design for societal objectives as the basis of higher education.
- To stress on rigorous reporting and useful outputs as central to developing new professions.
- To provide rural India and regional agencies with access to the professional resources of the institutes of higher education, especially those that have acquired academic excellence in the field of science, engineering and technology, and management.
- To improve development outcomes as a consequence of this research. To develop new professions and new processes to sustain and absorb the outcomes of research.
- To foster a new dialogue within the larger community on science, society and the environment and to develop a sense of dignity and collective destiny.

(Source: <https://unnatbharatabhiyan.gov.in/>)

UBA Cell, IIIT Noida

The Unnat Bharat Abhiyan (UBA) Cell at IIIT Noida has been instrumental in fostering the initiative of Government of India, by being actively involved in organizing different activities to meet the Goal and with the vision of transformational changes in the five adopted villages of Government of India. The five adopted villages by the Institute are:

- Village Sultanpur (Latitude and Longitude: 28.5247° N, 77.3647° E)
- Village Bisrakh (Latitude and Longitude: 28.5681° N, 77.4345° E)
- Village Khairpur (Latitude and Longitude: 28.5651° N, 77.4659° E)
- Village Wazidpur (Latitude and Longitude: 28.6230° N, 77.3766° E)
- Village Bishanpura (Latitude and Longitude: 28.6086° N, 77.3561° E)

Unnat Bharat Abhiyan Cell, IIIT Noida

Faculty Coordinator and Team Members

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Events of Academic year 2022-23

ACTIVITY: 1

Adoption of Anganbadi in village Bisrakh, Uttar Pradesh

Unnat Bharat Abhiyan (UBA) Cell at Jaypee Institute of Information Technology, Noida is actively involved in fostering the participation of the Institute in adoption of Anganbadi in selected villages as per order no. 72/2022/ 3531/ 58-1-2022-2/3(27)5 T.C-iv from 'Bal Vikas evum Pushtahar yojna (ICDS Scheme)' vide letter dated 8 December 2022.

The task assigned to the Higher Educational Institutions is to develop the anganwadis as "Adarsh Anganbadi Kendra" by providing necessary support as mentioned in letter C-538 dated 24 December 2022 [Enclosure-II]. The anganbadi is allocated as per DM order, in one of the UBA adopted village "Bisrakh", Greater Noida West, U.P

Jaypee Institute of Information technology, Noida has been assigned the Anganbadi with following details (as per Enclosure II):

Anganbadi: Kanavani

Centre Location: Primary School, Kanavani

Block Name: Bisrakh

Anganbadi worker's name and contact number: Pavitra (9210471415); Goldi (9654772507)

Annexure-I: order no. 72/2022/ 3531/ 58-1-2022-2/3(27)5 T.C-iv from 'Bal Vikas evum Pushtahar yojna (ICDS Scheme)' vide letter dated 8 December 2022

ACTIVITY: 2

**Three Month Progress Report
on
Technology Development Proposal**

submitted under

**Subject Expert Group (SEG), UBA Scheme
(Unique Code: UBA/NCI/0036/U-0522)**

Technical Intervention Project No. RP-03525G

Under

Unnat Bharat Abhiyan 2.0



**“Swarnim Neer- A renewable (solar) energy based portable
water purification Unit”**

**Unnat Bharat Abhiyan Cell,
Jaypee Institute of Information Technology,
Noida
AISHE Code: U-0522**



Jaypee Institute of Information Technology, Noida
A-10, Sector-62, Noida, Uttar Pradesh-201309, India
Unnat Bharat Abhiyan Cell, JIIT Noida

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Introduction

Need for Technology

The five villages adopted by the Jaypee Institute of Information Technology (JIIT) Noida under Unnat Bharat Abhiyan initiative are in the state of Uttar Pradesh have been surveyed by UBA Cell, JIIT Noida. It had been observed that one of the major concerns that the villages have is limited access to pipeline water. The major sources of potable water in the villages are borewell, handpumps and wells. Due to the urbanization of the area around these villages, there is further negative imbalance due to high dependence on underground water resources. According to the Envistat India 2021 report, Uttar Pradesh to be the top state with highest number of grossly polluting industries discharging effluents in lakes and rivers. The falling level of water in water table and limited access to clean drinking water had resulted in water scarcity. There is a need to develop a technology driven cost effective set-up that can be the source of potable water for the people of the villages.

Process of Execution of the Project

The proposal aimed at developing solar cell mediated water purification system that may be used to purify the underground water. This method integrates electricity generated from solar energy for water purification. Solar panels generate power for a battery which is used for filtration and purification systems. These structures are generally mobile and are immensely helpful for disaster - relief efforts. They also come in various sizes meant for small scale use to commercial/community supply.

The Proposed beneficiaries

The beneficiaries of the proposed model are the residents of the villages Sultanpur, Bisrakh, Khairpur, Wazidpur and Bishanpura. The project intends to develop a portable solar panel-based water filtration setup that can benefit the masses. Other minor stake holders will be students of different villages who are studying in the schools in these villages.

- VILLAGE SULTANPUR (Latitude and Longitude: 28.5247° N, 77.3647° E)
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- VILLAGE WAZIDPUR (Latitude and Longitude: 28.6230° N, 77.3766° E)
- VILLAGE BISHANPURA (Latitude and Longitude: 28.6086° N, 77.3561° E)

Proposed Achievable in the funded SEG project

To develop a solar cell mediated water purification system that may be used to purify the underground water / rain harvested water on a portable platform under two Objectives

- Design of potable (trolley based) Solar energy driven water purification system
- Assessment of water quality, pre- and post-filtration, as per standard of drinking water (BIS standards in India)

Proposed Time Line and Current status

Timeline	Proposed Work	Current Status
0 – 1st month	Site inspection and need base planning for trolley customization – PI along with faculty coordinators will be visiting the adopted villages and interacting with villagers for discussion of the site of testing the prototype, once developed.	The faculty members of UBA Cell, JIIT Noida along with student volunteers visited the schools of different villages and interacted with the Principal(s) and teachers. (Detailed report enclosed)
2nd month – 3rd month	Procurement of accessories for developing the unit: The necessary permissions and utilization of fund for purchase of required inventories for the design and fabrication of the filtration unit will be overlooked by the PI	The UBA faculty members and student volunteers explored different manufacturers and suppliers for the cost of accessories, to be purchased for the development of the prototype. The price quotation received are enclosed (in Annexure-1). Purchase has not been executed due to end term examination followed by vacation in the Institute. The student volunteers utilize the vacation time in designing the prototype of the filtration trolley set-up using Sketchup pro 2021 software (Details report enclosed)
4th month – 5th month	Testing the operation, flow rate, filtration rate of water and quality assessment – The assessment of the machine will require testing the impact of solar intensity on flow rate. The PI along with the concerned faculty members and student volunteers will be involved in completing the assembling and operation of the prototype. Time dependent studies on the operation of filtration unit and water quality assessment – The PI will be assisting the concerned faculty members in water quality testing. We prefer getting the water quality testing done from Government certified labs. The fund (from miscellaneous head) will be used for the water quality testing.	The students have collected water samples from different Government schools in the specified villages. The analysis of water conductivity is enclosed in detailed report. The Faculty coordinators have contacted FSSAI approved lab for testing the water quality. Quotation received for testing of water on 9 parameters is enclosed in Annexure-1. The team will proceed with water quality testing from the lab. Procurement of components for trolley design and their assembly is to be performed in the month of August, 2022.
6th month	Assessment of the technology and installation at site in village /schools of villages for on site testing.	Yet to be performed

As suggested in the proposal submitted, the project fund can only support one prototype being developed. Since the set-up will be on trolley, it can be assessed for its performance in different villages, by logistic transport to the different villages school. The PIs are primarily focusing on Government schools in the villages, unless no such school is operational in the village

Detailed Report

The Unnat Bharat Abhiyan Cell at Jaypee Institute of Information Technology, Noida has been awarded the financial sanction of Technical Intervention project (No. RP-03525G) under Unnat Bharat Abhiyan 2.0 [‘Subject Expert Group, UBA Scheme (Unique ID: UBA/NCI/0036/U-0522)], titled “Swarnim Neer- A Renewable (solar) Energy Based Portable Water Purification Unit”, vide letter dated 18 May, 2022 from Prof. V.K. Vijay, Coordinator UBA, CRDT, IIT Delhi. The amount sanctioned for development of one portable water purification assembly was rupees one lakh only (Rs. 1,00,000/-)

The proposal was accepted for development of clean water source for school children in the five adopted villages.

Site inspection and need base planning for trolley customization

The Faculty members of UBA Cell, IIIT Noida, along with student volunteers visited different Government schools / CBSE affiliated schools (as applicable) in the five different adopted villages. The objective of visiting the school was to update the school Principal(s) and the teachers about the initiative of the UBA Cell at IIIT Noida in developing a prototype for purification of water. Details on visit, observation and inputs from the school Principal / teachers are briefly presented below.

Village Wazidpur

The team of student volunteers visited the Government school in village Wazidpur and interacted with the Principal and teachers in the school and briefed them about the initiative of the UBA Cell under the project funded by UBA, Government of India through the nodal center, IIT Delhi.



Photograph – 1: Entry gate of Government school in village Wazidpur



Photograph 2: Photograph showing school premises, (Government school, village Wazidpur)



Photograph 3: The open area within the premises of the school (Government school, village Wazidpur)



Photograph 4: Ongoing academic activity within school (Government school, village Wazidpur)



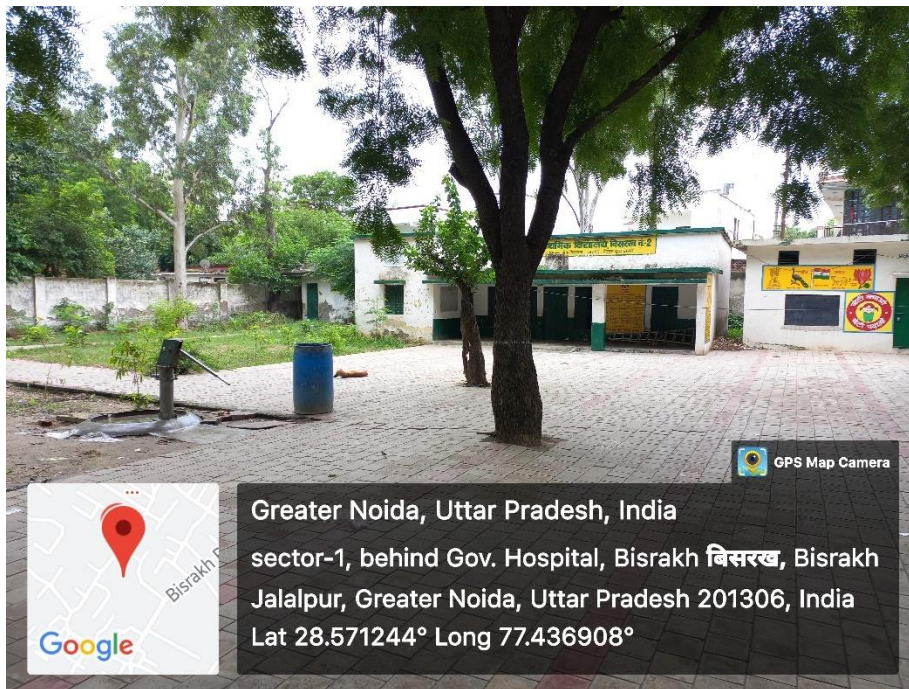
Photograph 5: The wash rooms / toilets within school and the water drinking tap ((Government school, village Wazidpur)

Observations from the visit to the Government school, village Wazidpur

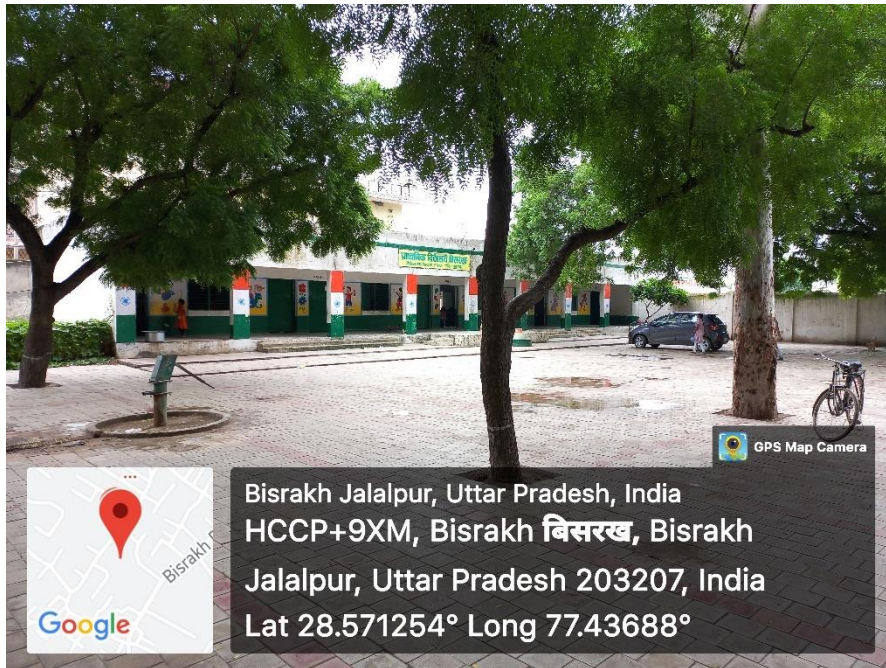
- The school was clean however, as informed by the school Principal, the RO setup in the school was not working (Photograph 5 & 6)
- The open space in the school premises are suitable to setup the portable trolley with adequate exposure of sunlight (Photograph 3)
- The water quality, analyzed for conductivity showed the reading of 1155 μS . The water samples will be sent for testing of water Quality As per IS:10500 (Essential parameters) to FSSAI approved lab.
-

Village Bisrakh

The faculty coordinators and students visited village Bisrakh and the Government school in the village. The students studying in the school were from poor families, residing in the nearby localities. The school Principal, Mrs. Shashi Sharma briefed us that the source of water is the handpump and the submersible pump. Due to depleting water quality from the handpump which is 100 m deep, another handpump of 200 m depth has been installed. The photographs of the visit are enclosed. The visit was limited to the Primary school at the village.



Photograph 1: The view of the Government primary school in village Bisrakh from entry gate



Photograph 2: The open compound within the Government primary school premises with handpump as the sole source of drinking water for children and teachers



Photograph 3: The handpump from which water has been collected (Government Primary school, village Bisrakh)



Photograph 4: Dr. Ashwani Mathur, UBA Coordinator, IIIT Noida interacting with Principal of Government Primary School, Mrs. Shashi Sharma in the school to brief her about the UBA initiative and seeking her permission for demonstration of prototype



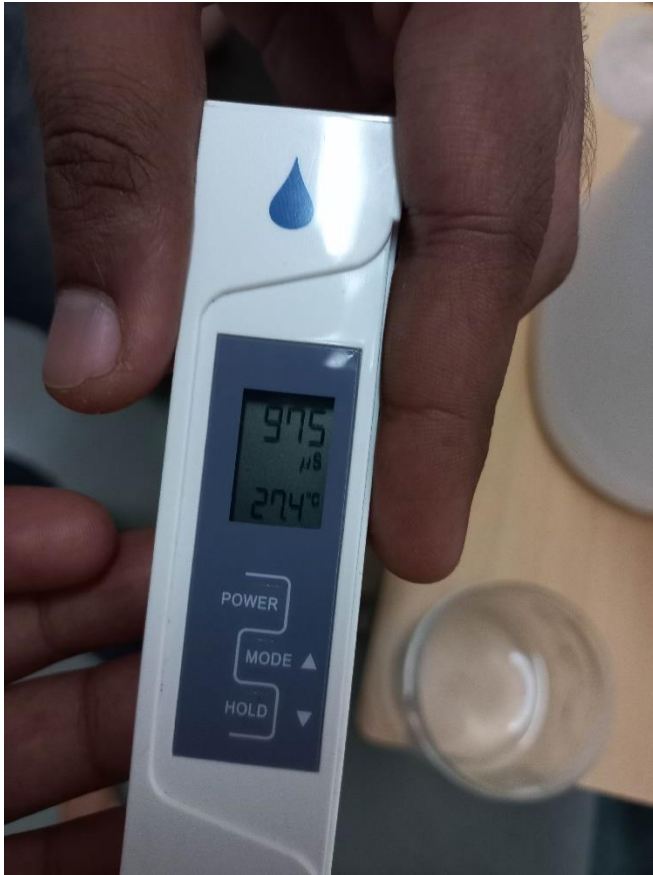
Photograph 5: Student volunteer, Ms Lakshita and Mr Kratik, collecting water sample from the school handpump, under the supervision of school Principal (Government Primary School, village Bisrakh)



Photograph 6: School children in the premises



Photograph 7: School children in the premises



Photograph 8: The testing of water quality of the water sample collected from the school premises using AP-2: AquaPro Water Quality Tester

Observations from the visit to the Government school, village Bisrakh

- The premises of the school were clean. However, the only source of potable water is the handpump (Photograph 2, 3 & 5)
- The open space in the school premises are suitable to setup the portable trolley with adequate exposure of sunlight (Photograph 1,2,3, 5, 6, 7)
- The water quality, analyzed for conductivity showed the reading of 975 μS . The water samples will be sent for testing of water Quality As per IS:10500 (Essential parameters) to FSSAI approved lab.
-

Village Khairpur

The faculty coordinators and student volunteers visited the Government primary school in village Khairpur and interacted with the Principal and teachers in the school. The school has much smaller area than the schools in village Khairpur and village Bisrakh. The only source of Water in the school was the handpump. The Principal was briefed about the UBA initiative and the role UBA cell, IIIT Noida has to play in development of working prototype for water purification. Some of the photographs of the visit are enclosed.



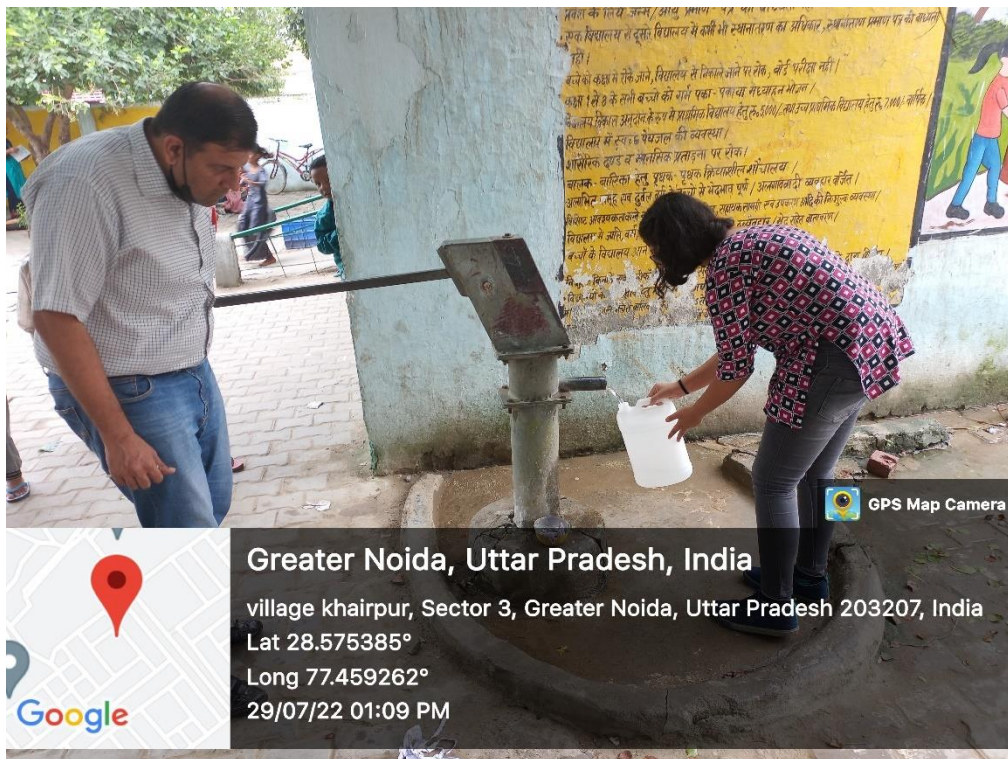
Photograph 1: The Primary school in village Khairpur (for students from Class 1 to 8). The photograph is of the entry gate of the school



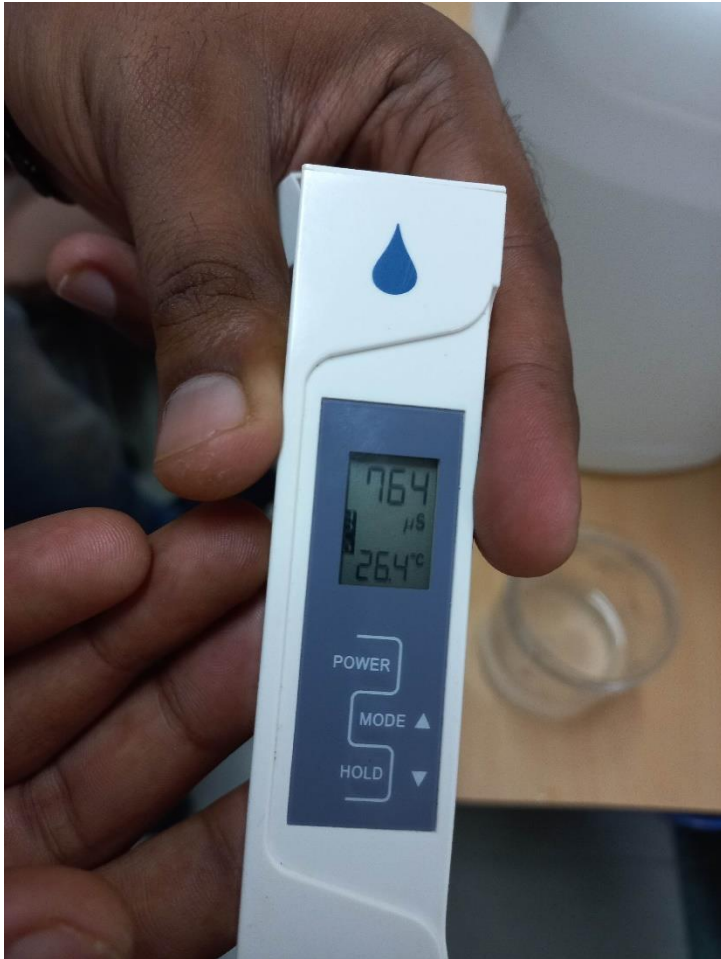
Photograph 2: The students and Principal, Mrs Aishwarya Lakshmi of the school (village Khairpur)



Photograph 3: The washroom and the handpump in the school premises (village Khairpur)



Photograph 4: The faculty coordinator UBA Dr. Ashwani Mathur and student volunteer Ms Lakshita collecting the water sample from handpump in the school premises



Photograph 5: The testing of water quality of the water sample collected from the school premises using AP-2: AquaPro Water Quality Tester

Observations from the visit to the Government school, village Khairpur

- The premises of the school were clean. However, the only source of potable water is the handpump (Photograph 4)
- The open space in the school premises are comparatively less for any big size trolley to be accommodated. The student volunteers noted down the observation for designing of trolley
- The water quality, analyzed for conductivity showed the reading of 764 μ S. The water samples will be sent for testing of water Quality As per IS:10500 (Essential parameters) to FSSAI approved lab.

Village Bishanpura

The village Bishanpura at Sector-58 Noida is an amalgamation of clean developed area with high rise construction and rural area with ill-defined waste management. The village has Public School like Yash memorial and some CBSE affiliated schools. No Government school was reported by the locals in the village area. The team of student volunteers and faculty coordinators visited some of the Primary schools who shared the issues of clean drinking water. Moreover, the source of water was ground water. As the schools does not allow us to took the photographs, the photograph of th nearby canopy has been taken and the water was collected from a tap reported to be the source of potable water for the people around it.



Photograph 1: The entry to village Bishanpura. The photograph was taken near Public School, Yash Memorial School



Photograph 2: The way to CBSE affiliated Public school in the village Bishanpura



Photograph 3: Student volunteer outside the road to Public school in village Bishanpura



Photograph 4: The area outside Public school in Bishanpura village



Photograph 5: The student volunteer, Mr Kratik, collecting water sample from the water tank in village Bishanpura. The source of water in this tank is ground water



Photograph 6: The testing of water quality of the water sample collected from the village Bishanpura, using AP-2: AquaPro Water Quality Tester

Observations from the visit to the Government school, village Bishanpura

- To the best of our survey and after interaction with local people of the village we were informed that village Bishanpura has primary, secondary Public schools only.
- The schools were not willing to allow us take the photograph or water sample in the premises. However they briefed about availability of ground water. Some school also informed about installation of RO in the school
- The water quality, analyzed for conductivity showed the reading of 1119 μS . The water samples will be sent for testing of water Quality As per IS:10500 (Essential parameters) to FSSAI approved lab.

EVENT ACADEMIC YEAR 2021-22

ACTIVITY: 3

UNNAT BHARAT ABHIYAN CELL, JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

Event Theme: Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level

Faculty organizers: Prof. Satish Chandra and Dr. Amarjeet Prajapati (**under the banner of cell of IIIT – PRAYAG (A Centre for knowledge informatics for Sustainability Development) and Unnat Bharat Abhiyan Cell**)

EVENT DETAILS

Awareness/Training/ Programmes organized by the Department/ External Agencies:	Expert talk
Program Type: (fill the details from the given list)	One day workshop
Name of Program/Event:	A Panel discussion on the topic "Bridges and Barriers to Cross Disciplinary Research"
Organizing Agency:	IIC, Prayag and UBA IIIT Noida
Organized at:	Google Meet Virtual Mode
Name and Designation of the Speaker	1. Prof. Jitender Kumar Chhabra , HOD of Dept. of Computer Science at NIT Kurukshetra. 2. Prof Brij B. Gupta , Director, International Centre for AI and Cyber Security Research and Innovations, and Professor in the Department of Computer Science and Information Engineering at Asia University, Taiwan. 3. Prof. Pawan Kumar Dhar from School of Biotechnology, JNU
Name of the Organizer:	Dr. Amarjeet Prajapati & Prof. Satish Chandra
Level of Event: (National/International)	National
Program Start Date:	24-April-2022
Program End Date:	24-April-2022
Program Duration (in days):	One Days
Program Duration (in minutes)	60 Minutes

	Video URL (with open access)	https://drive.google.com/file/d/1PcF4TBpsd5wCNcPSmLzLtmQHnd2vtm51/view
	Facebook URL	https://www.facebook.com/1536563069958633/posts/pfbid0eUvkemCPd2UPuEQcpTq8fGJoJTc4PJC9RJcUB5VoccdQ7KSE4XV6AuPtUKscRoy4l/
	Instagram URL	https://www.instagram.com/p/Cc3joiwhY5v/?igshid=YmMyMTA2M2Y=
	Twitter URL	https://twitter.com/JaypeeUniversi2/status/1519415345307865088?t=wwuKYGyhw7fU9_xgh7s1bw&s=19
	Program Conducted: (Within Campus or Outside Campus)	Within Campus
	No. of internal faculties:	12
	No. of internal students:	30
	Total no. of internal participants:	42
	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	NIL
	Total no. of external participants:	NIL
	Total no. of participants:	42
	No. of students won the prizes (if any then provide the details in summary sheet)	NA
	Financial support provided by the Institute:	Rs 9000/-
	Financial support provided by Govt. Agency:(Provide the name of the agency)	NIL
	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NIL

	Total expenditure incurred: (Verify the financial details with finance department)	Rs 9000/-
	Objective of the event (not more than 100 words)	To understand Bridges and Barriers to Cross Disciplinary Research and translate idea to invention
	Benefits of the event (not more than 150 words)	To develop and enhance the knowledge skills that helps the institute and faculty members to do the Cross Disciplinary Research.
	Google drive link of video recording	https://drive.google.com/file/d/1PcF4TBpsd5wCNcPSmLzLtmQHnd2vtm51/view
	Program Theme: (fill the details from the given list)	Knowledge enhancement
	<p>Complete details of the event: Explain in brief the important details of event</p> <p>A Panel discussion on the topic "Bridges and Barriers to Cross Disciplinary Research" was held online on 20 April, 2022 at 2:30 pm Following were the panellists</p> <ol style="list-style-type: none"> 1. Prof. Jitender Kumar Chhabra, HOD of Dept. of Computer Science at NIT Kurukshetra. 2. Prof Brij B. Gupta, Director, International Centre for AI and Cyber Security Research and Innovations, and Professor in the Department of Computer Science and Information Engineering at Asia University, Taiwan. 3. Prof. Pawan Kumar Dhar from School of Biotechnology, JNU <p>The moderator of the discussion was Prof. Satish Chandra and the event wasmanged by Dr. Amarjeet Prajapati.</p> <p>Summary: The moderator of the discussion Prof. Satish Chandra initiated the conversation by welcoming the panellists and the audience. Mentioning the differences between interdisciplinary, multi-disciplinary, trans disciplinary and cross disciplinary research, he also discussed that the difference between the various paradigms lies in the extent and method of encroachment or union amongst the various discipline. Prof. Jitendra Chhabra discussed about the barriers to cross disciplinary research such as Mindset and Existing Academic structure. Prof. Brij B. Gupta explained to the panel about that need of funding and career development for promoting multi-disciplinary research. Prof. Pawan Dhar discussed that attitude and lack of communication is one of the major barriers to multi-disciplinary research. All the panellists agreed that for really making cross disciplinary research possible, the emphasis should be given on communication across the disciplines. Some kind of funds as well as rewards should be initiated for promoting it. The discussion was followed by Q&A session from the audience. The panel discussion lasted for 1 hour 15 minutes. Finally, vote of thanks was presented by senior Prayag member Prof. Indira P. Sarthey..</p>	



Institution Innovation Council (IC),
Unnat Bharat Abhiyan (UBA), & PRAYAG
Jaypee Institute of Information Technology, NOIDA

*Jointly present
Online panel discussion on*

"Bridges and Barriers to Cross Disciplinary Research"

Panelists:

Dr. Jitender Kumar Chhabra (Professor & HOD)
Computer Engineering Department, NIT Kurukshetra



Dr. Pawan K. Dhar (Professor)
School of Biotechnology, JNU New Delhi



Dr. Brij B Gupta (Professor)
Department of Computer Science and Information
Engineering (CSIE), Asia University, Taiwan



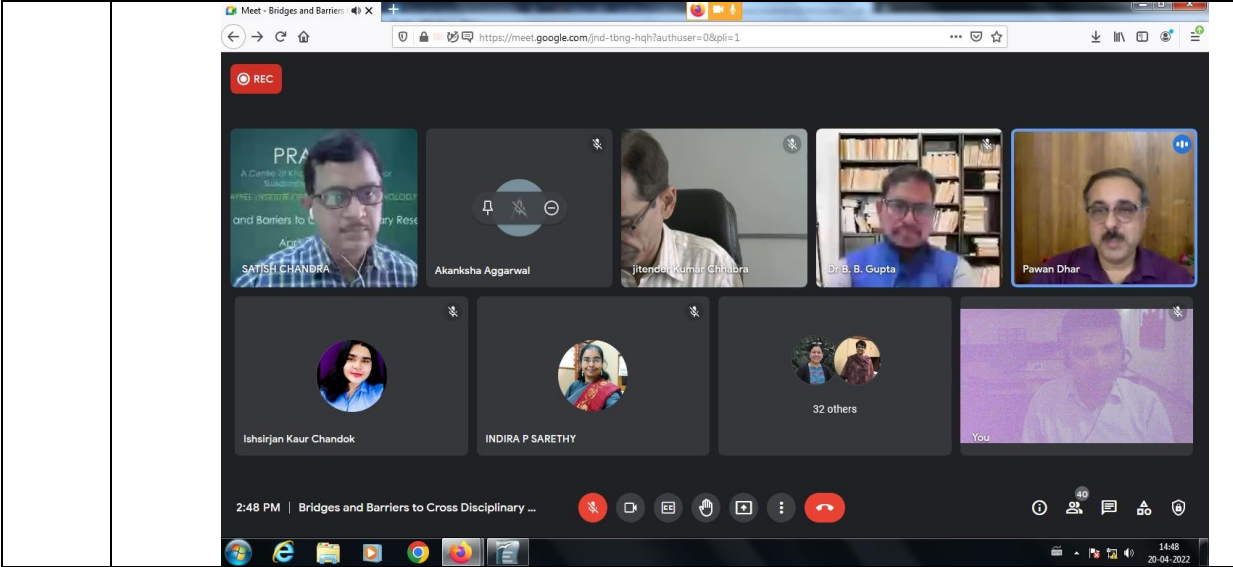
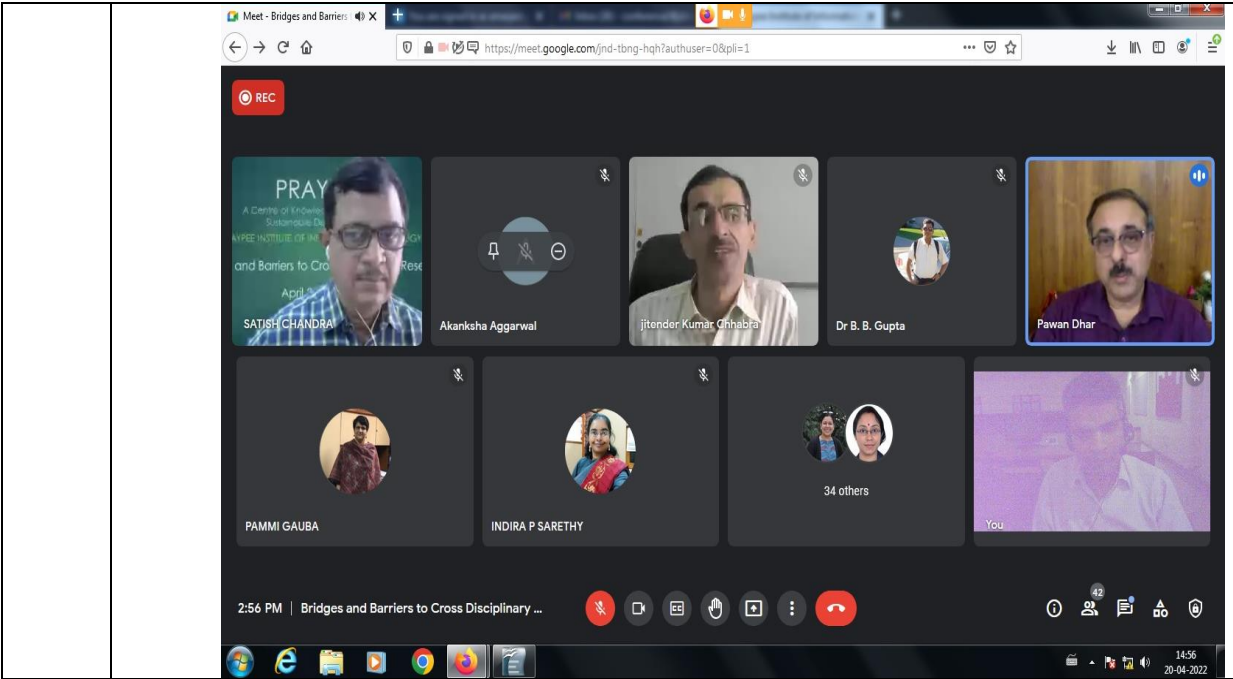
Wednesday, April 20, 2022, 2:30 PM

Meeting Link: meet.google.com/jnd-tbng-hqh

Registration Form: Scan QR code for the registration



**Event Coordinator: Prof Satish Chandra &
Dr Amarjeet Prajapati**



ACTIVITY: 4

Invited Talk on “Mental Health Consideration during and post-covid: A paradigm shift”

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	Awareness/Motivational Program
2.	Program Type: (fill the details from the given list)	Any Other (Specify)
3.	Name of Program/Event:	Guest lecture on “ Mental Health Consideration during and post-covid: A paradigm shift”
4.	Organizing Agency:	Unnat Bharat Abhiyan Cell, IIIT Noida; Capacity Enhancement and Development Cell, IIIT Noida; Yoga and Health Club, IIIT Noida; Student Counselling Cell, IIIT Noida
5.	Organized at:	Online mode via Google Meet
6.	Name and Designation of the Speaker	Dr. Shwetank Bansal is a Consultant Psychiatrist & Psychotherapist at Better Me, Delhi
7.	Name of the Organizer:	Dr. Ashwani Mathur, UBA Coordinator, IIIT Noida
8.	Level of Event: (National/International)	National
9.	Program Start Date:	8 February, 2022
10.	Program End Date:	8 February, 2022
11.	Program Duration (in days):	1 Day
12.	Program Duration (in minutes)	60 minutes
13.	Video URL (with open access)	https://drive.google.com/file/d/1kPKgVATBNz5BpiQ7_ZcnqMUavmWqseFu/view?usp=sharing
14.	Facebook URL	https://m.facebook.com/story.php?story_fbid=103858768889534&id=103216322287112
15.	Instagram URL	https://www.instagram.com/p/CZpJZmABKuW/?utm_source=ig_web_copy_link
16.	Program Conducted: (Within Campus or Outside Campus)	Online for students and faculty members of the Institution
17.	No. of internal faculties:	15
18.	No. of internal students:	80
19.	Total no. of internal participants:	95
20.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	1 speaker
21.	Total no. of external participants:	1

22.	Total no. of participants:	96
23.	No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
24.	Financial support provided by the Institute:	Not applicable
25.	Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
26.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
27.	Total expenditure incurred: (Verify the financial details with finance department)	Nil
28.	Objective of the event (not more than 100 words)	The impact of Covid-19 had been paramount and was evident in different cohorts of the society. The impact had not only affected the daily routine but had an impact on the psychological perspectives of individuals. The Objective of the events was to append the attendees a psychologist's opinion on the impact of the Covid pandemic and strategic approaches to overcome the situation
29.	Benefits of the event (not more than 150 words)	The speaker provided an impetus on the approaches for overcoming the psychological stress and for holistic development of society at large. The event was organized in an online mode. The feedback received was encouraging and the attendees suggested more such sessions in time to come.
30.	Google drive link of video recording	https://drive.google.com/file/d/1kPKgVATBNz5BpiQ7_ZcnqMUavmWqseFu/view?usp=sharing
31	Program Conducted: (Within Campus or Outside Campus)	Online for students and faculty members of the Institution
32	Program Theme: (fill the details from the given list)	Any other (motivational talk)
	Complete details of the event:	

Report (Invited talk / other miscellaneous event like Seminar)

A. Title of the TALK/SEMINAR: Mental Health Consideration during and post-covid: A paradigm shift

B. Dates and Duration: 8th February, 11:00 AM onwards (1 Hour duration)

C. Department: Capacity Enhancement and Development Cell, Yoga and Health club, Student Counselling Centre, Unnat Bharat Abhiyan Cell, Department of Biotechnology

D. Contact person: Prof. Reema Gabrani (CEDC, Yoga and Health club), , Dr. Ashwani Mathur (UBA), Dr Garima Mathur (Student Counselling Centre, Department of Biotechnology)

E. Speaker's name and brief profile:

Dr. Shwetank Bansal is a Consultant Psychiatrist & Psychotherapist at Better Me, Delhi. After completing MBBS from the University College of Medical Sciences and Guru Tegh Bahadur Hospital, under the University of Delhi. He pursued MD in Psychiatry from the prestigious Institute of Human Behaviour and Allied Sciences (IHBAS, Delhi University). He underwent higher training in Psychiatry at the University of Michigan, USA. He has undergone training in Cognitive Behaviour Therapy (CBT) from the esteemed Beck Institute for Cognitive Behaviour Therapy, Pennsylvania, USA. He then worked as Consultant Psychiatrist in the Department Of Mental Health And Behavioural Sciences at Fortis Escorts Heart Institute in South Delhi and Fortis Hospital, Shalimar Bagh. He has been trained in Transcranial Magnetic Stimulation, one of the latest modes of treatment in Psychiatry and Neurology, from the prestigious Harvard Medical School, Boston, USA.

An active member of the American Psychiatric Association, Dr.Bansal believes that preventive mental health is the road to the future, and is routinely cited in media on issues of positive psychology and mental health. Dr Bansal also practises as a Consultant Psychiatrist at Max-BLK Super Speciality Hospital (B L Kapur Hospital), Pusa Road (Karol Bagh).

F. Objective/Abstract of the talk:

The impact of Covid-19 had been paramount and was evident in different cohorts of the society. The impact had not only affected the daily routine but had an impact on the

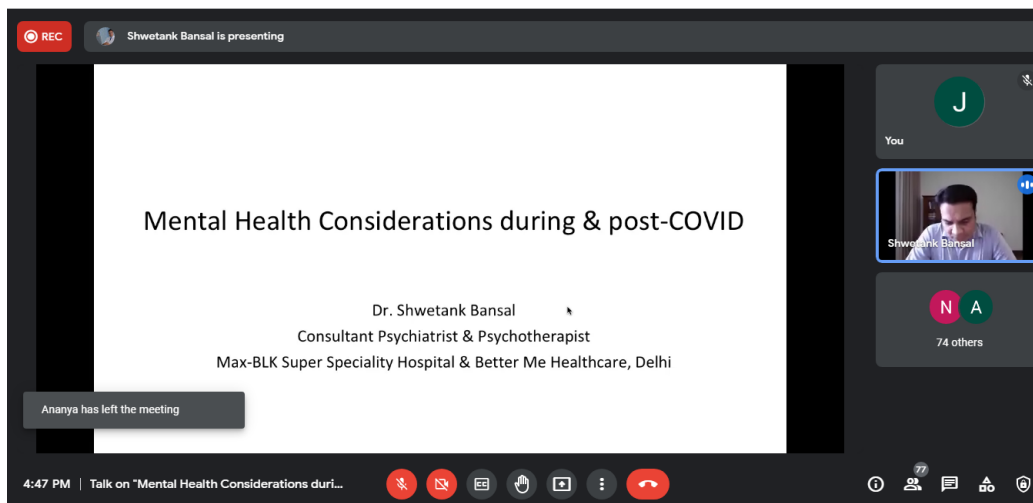
psychological perspectives of individuals. The Objective of the events was to append the attendees a psychologist's opinion on the impact of the Covid pandemic and strategic approaches to overcome that. The speaker also provided an impetus on the approaches for overcoming the psychological stress and for holistic development of society at large

G. Number of attendees: 95

H. Photograph(s):



The poster features logos for YOGA & HEALTH, UNNAT BHARAT ABHIYAN, CEDC, Student Counselling Centre, and JIIT. The text reads: CAPACITY ENHANCEMENT AND DEVELOPMENT CELL, UNNAT BHARAT ABHIYAN CELL, YOGA & HEALTH CLUB, STUDENT COUNSELLING CENTRE, DEPARTMENT OF BIOTECHNOLOGY. It presents a talk on 'MENTAL HEALTH CONSIDERATIONS DURING AND POST COVID: A PARADIGM SHIFT' by Dr. Shwetank Bansal, a consultant psychiatrist and psychotherapist with qualifications from Harvard, Boston, Pennsylvania, and Michigan, USA. The event is on February 8th, 2022, from 11 AM onwards. A registration link is provided: <https://forms.gle/NN528uorzFhacjsW6>. A QR code is also present. On the right, there is a silhouette of a head with a glowing brain.



The screenshot shows a Zoom meeting interface. The main slide displays the title 'Mental Health Considerations during & post-COVID' and the speaker's details: Dr. Shwetank Bansal, Consultant Psychiatrist & Psychotherapist, Max-BLK Super Speciality Hospital & Better Me Healthcare, Delhi. The meeting controls at the bottom show a 'REC' indicator, a 'Shwetank Bansal is presenting' status, and a time of 4:47 PM. A notification on the left states 'Ananya has left the meeting'. The right sidebar shows a grid of participants, including 'You' and 'Shwetank Bansal', with a total of 74 others present.

REC Shwetank Bansal is presenting

Stress levels

Action

Adaptation

ALARM!

Time

4:54 PM | Talk on "Mental Health Considerations duri..."

Participants: SHALINI MANI, PAMMI GAUBA, SALONI MATH..., KRITI TANDON, RIYA BHANDARI, Aryan Chanana, SOURABH VER..., 80 others, You

REC Shwetank Bansal is presenting

Hopelessness

Fear

Self Doubt

Blame

Helplessness

ACTION

You

meet.google.com/pxn-jbcq-qxq?pli=1

REC

Shristy Jha has left the meeting

Shwetank Bansal

PAMMI GAUBA

SALONI MATHUR 191010...

89 others

You

In-call messages

Let everyone send messages

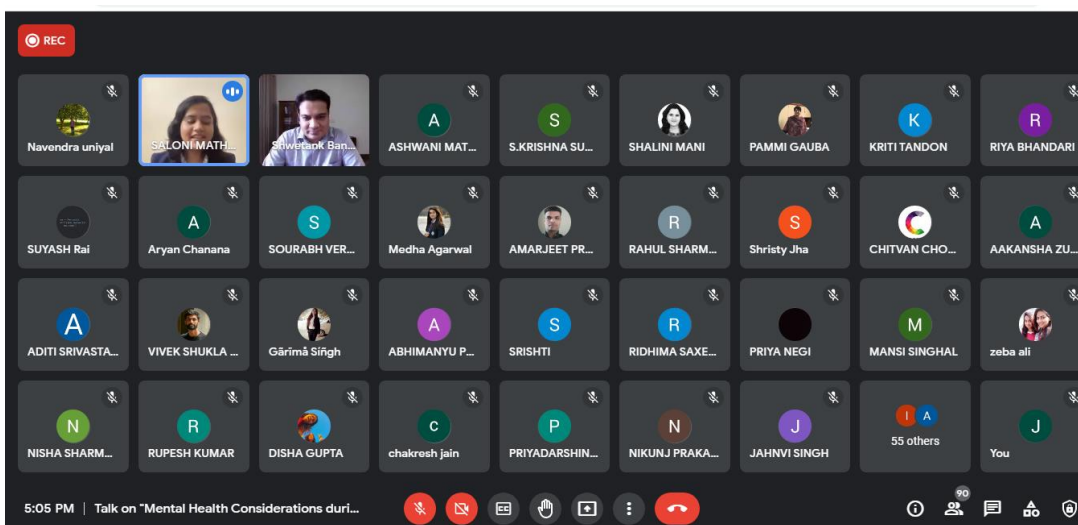
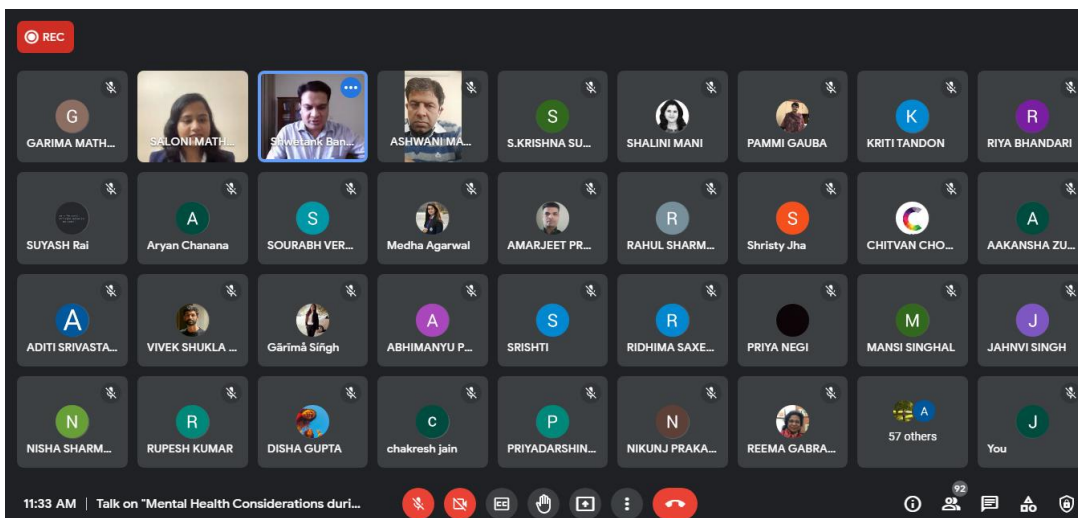
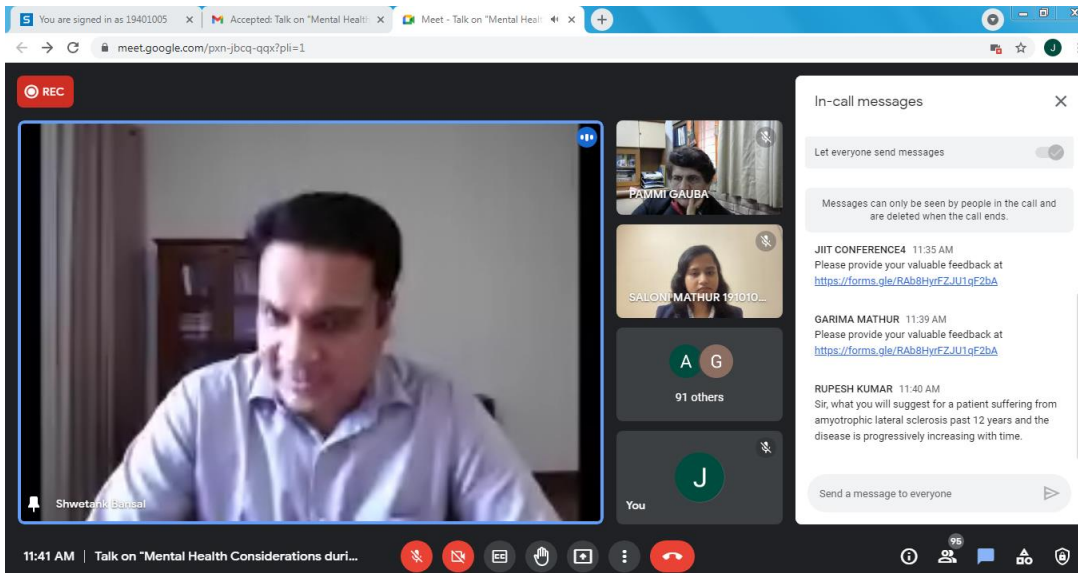
Messages can only be seen by people in the call and are deleted when the call ends.

RUPESH KUMAR 11:40 AM
Sir, what you will suggest for a patient suffering from amyotrophic lateral sclerosis past 12 years and the disease is progressively increasing with time.

SEJAL 11:41 AM
Good morning sir, Sir u told us that to come out of our cycle of fear we need to act and explore our potential, but there is always a risk involved with each activity we undertake. How to deal with that because it again brings the fear.

Send a message to everyone

11:41 AM | Talk on "Mental Health Considerations duri..."



Video recording link:

https://drive.google.com/file/d/1kPKgVATBNz5BpiQ7_ZcnqMUavmWqseFu/view?usp=sharing

Social Media Links:

Facebook:

https://m.facebook.com/story.php?story_fbid=103858768889534&id=10321632228711

Instagram:

https://www.instagram.com/p/CZpJZmABKuW/?utm_source=ig_web_copy_link

The event was organized in an online mode. The feedback received was encouraging and the attendees suggested more such sessions in time to come.

ACTIVITY: 5

Celebrating Azadi ka Amrit Mahotsav

Poster making competition on “Bhagwad Gita and philosophy for Nation building”

Date: 2nd January 2022 – 26 January 2022

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	Unnat Bharat Abhiyan Cell, IIIT Noida
2.	Program Type: (fill the details from the given list)	Celebrating Azadi ka Amrit Mahotsav
3.	Name of Program/Event:	Poster making competition on “Bhagwad Gita and philosophy for Nation building”
4.	Organizing Agency:	UBA Cell, IIIT Noida
5.	Organized at:	Online event. Participants submitted digital / hand made posters
6.	Name and Designation of the Speaker	No speaker was involved
7.	Name of the Organizer:	Dr. Ashwani Mathur, Coordinator, Unnat Bharat Abhiyan Cell, IIIT Noida
8.	Level of Event: (National/International)	National
9.	Program Start Date:	2 nd January, 2022
10.	Program End Date:	26 th January 2022
11.	Program Duration (in days):	22 Days
12.	Program Duration (in minutes)	
13.	Video URL (with open access)	No video recording was made
14.	Facebook URL	https://m.facebook.com/story.php?story_fbid=pfbid02ZjzekuniFnuyk98kTXNVUogBeT8xqas7PWS4Kv5JKiZjk3WbpVNJ9HJ6okFkwxKWl&id=100077737305854
15.	Instagram URL	https://m.facebook.com/story.php?story_fbid=pfbid02ZjzekuniFnuyk98kTXNVUogBeT8xqas7PWS4Kv5JKiZjk3WbpVNJ9HJ6okFkwxKWl&id=100077737305854
16.	Program Conducted: (Within Campus or Outside Campus)	Online; National Event
17.	No. of internal faculties:	All UBA faculty coordinators (5 in number)
18.	No. of internal students:	22
19.	Total no. of internal participants:	22
20.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	6
21.	Total no. of external participants:	6
22.	Total no. of participants:	28
23.	No. of students won the prizes	
24.	Financial support provided by the Institute:	Not required
25.	Financial support provided by Govt. Agency:(Provide the name of the agency)	Not applicable
26.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Not applicable

27.	Total expenditure incurred: (Verify the financial details with finance department)	Nil
	Program Theme: Others (Importance of Bhagavad Gita philosophy in Nation building) (fill the details from the given list)	
	Complete details of the event: Enclosed	

About the Event

This year marks the 75th year of Indian Independence, and as the nation celebrates “Azadi ka Amrit Mahotsav”, Jaypee Institute of Information Technology, Noida joined the national celebration. The Unnat Bharat Abhiyan, a flagship program of Ministry of Education, Government of India, in association with Vijnana Bharati (VIBHA) announced a nation-wide event with RCI and participating institutions (PI) of UBA in India to append youth significant role played by ‘Bhagavad Gita’ in in freedom movement and Indian independence. The pre-independence era witnessed many political, social leaders, revolutionaries, and thinkers accepting Bhagavad Gita as a guiding scripture. Jaypee Institute of Information Technology Noida, a participating institution (PI) under RCI, IIT Delhi, joined the initiative and organized poster making competition to recollect the crucial role that “Bhagavad Gita” played in infusing patriotic sentiments among freedom fighters. The poster making competition on theme “Bhagwad Gita and Philosophy in Nation Building” was announced by Unnat Bharat Abhiyan Cell, Jaypee Institute of Information Technology, Noida. The event was opened for students from all colleges, Institutions and Universities. Around 30 students from JIIT and other Institutes participated in the event.

jiit UNNAT BHARAT ABHIYAN CELL
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
NOIDA
Celebrates
75
Azadi Ka Amrit Mahotsav
POSTER MAKING COMPETITION
ON
BHAGWAD GITA AND
PHILOSOPHY FOR NATION BUILDING

- o Poster could be handmade/digital (A4 size)
- o Winner will be certified
- o E-Certificate for all participant's

Deadline : January 26th, 2022 To Register Scan QR: 
URL: <https://forms.gle/ejEZxtGFDfjVyJ6MA>

For further query, Please contact faculty coordinators

JIIT Sec 62, Noida
Dr. Amarjeet Prajapati 8950775885
Dr. Swati Sharma 9891062568

JIIT Sec 128, Noida
Dr. Ashwani Mathur 9810540276
Mrs. Kritika Rani 8505957999
Dr. Abhishek Kashyap 9015797273

EVENTS OF ACADEMIC YEAR 2019-20
Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
SURVEY REPORT OF KHAIRPUR

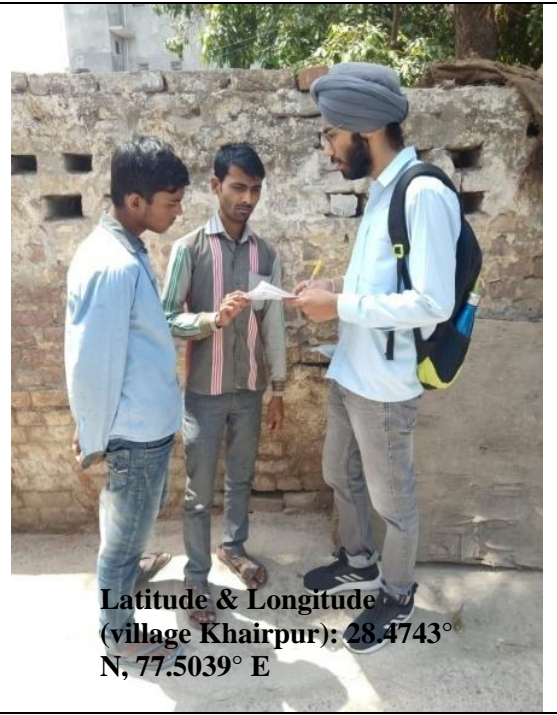
	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
	Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Khairpur village, Noida, to find out the population, gender ratio, education level, basic amenities in the village etc.)
	Name of Program/Event:	Survey
	Organizing Agency:	UBA Cell, IIIT Noida
	Organized at:	Khairpur Village, NOIDA
	Name of the Organizer:	UBA Cell, IIIT Noida
	Level of Event: (National/International)	National
	Program Start Date:	29/01/2019
	Program End Date:	13/07/2019
	Program Duration (in days):	8 days in the above-mentioned period. (Refer complete event detail)
	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Khairpur village
	No. of internal faculties:	2
	No. of internal students:	24
	Total no. of internal participants:	24 students + 2 faculty members
	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	75 villagers
	Total no. of external participants:	75 villagers

	Total no. of participants:	101
	No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
	Financial support provided by the Institute:	Nil
	Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
	Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
	Program Theme: Other; Survey of the households of the villages	
	Complete details of the event: Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-V	





**Latitude & Longitude
(village Khairpur): 28.4743°
N, 77.5039° E**



**Latitude & Longitude
(village Khairpur): 28.4743°
N, 77.5039° E**

Jaypee Institute of Information Technology, Noida

Unnat Bharat Abhiyan Cell

Survey Report of Khairpur Village, Noida

Surveys Conducted:

Number of households covered: **68**

Date of Surveys

1. **29/01/2019**
2. **20/02/2019**
3. **11/03/2019**
4. **30/03/2019**
5. **08/07/2019**
6. **10/07/2019**
7. **12/07/2019**
8. **13/07/2019**

Purpose of the Visit:

1. **29/01/2019:** A village survey was conducted by the team of UBA volunteers with the UBA coordinator, where village infrastructure, basic amenities, village connectivity, land, forest and horticultural profile, and common village electricity requirements were examined and evaluated.
2. **20/02/2019:** The first set of household survey was conducted by the UBA volunteers in a team of 2-3 volunteers, in the presence of the UBA coordinator. They conducted household surveys to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipment and loan distribution.
3. **11/03/2019:** The team of UBA volunteers took the survey forward. This time, they primarily focused on analyzing the ground zero problems mentioned by the villagers. Major problems found were open dumping of waste, uncovered and overflowing drainage systems, and pollution of air by the factories.
4. **30/03/2019:** The volunteers interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the viewpoint of the locals.
5. **08/07/2019 & 10/07/2019:** After identifying and analyzing the problems, the volunteers gathered again in the village, to suggest and discuss the basic solutions they formulated by analyzing the problems. Some of the suggestions included, installation of smart dustbins, and solar powered street lights.
6. **12/07/2019 & 13/07/2019:** The motive of the visit this time was to evaluate the possibilities of the implementation of the proposed ideas.

General Observations:

1. The gender ratio in a population of approx 251 is 685 females per 1000 males.

2. Dominant age group in the village is in the range 19-45 years consisting of 90 males and 49 females.
3. 97.17% of the total population has an Aadhar card issued.
4. 84.05% of the population has bank accounts.
5. PM Jan Dhan Yojana is the government scheme that has benefited most of the locals.
6. Literacy rate among the males is 91.95% and among females is 63.73% making the total literacy rate to be 80.48%.
7. Percentage of male students enrolled in schools is 67.86% and female students enrolled is 75%.
8. Ratio of boys to girls having school education is 21:17.
9. Ratio of boys to girls having college education is 25:6.
10. Major drinking facility is available in the village by piped water and hand pump.
11. Most of the households in the village have connectivity to toilets.
12. Entire village is housing area with no agricultural activities
13. Majority of the locals here are skilled and unskilled wage workers.

Problems Identified in the village:

1. **Waste management:** There is a lot of open dumping of waste at various areas of the village. The authorities and civic bodies do not take responsibility for waste collection and management. Improper waste disposal is a major issue in this village.
2. **Roads:** The roads in the village have an average condition as some are well maintained and some are filled with potholes or are under construction.
3. **Drainage:** The drains in the village are not covered, and release foul smell. In many regions the drains are choked or overflowing.
4. **Pollution:** There are a lot of factories in the vicinity of the village, which release a lot of harmful chemicals into the air and water of the village. Also there is burning of waste in the village, which pollutes the air.
5. **Unemployment:** Many people in this village don't have proper jobs. Most of them are labourers in the nearby factories.
6. **Water:** The water supply in the village is not good. The groundwater is also not clean as it is polluted by the industries surrounding the village.
7. **Street Light:** The street lighting in the village is either not installed or not in a working condition. The electricity wires in the area are also not properly done.
8. **Other:** The network coverage in the area is not good. There is not enough public transport available near the village. Senior Citizens do not get enough pension from the government.

Suggestions by Villagers:

1. **Waste segregation:** Waste should be segregated at the homes itself. So that the collection of waste becomes easier and efficient.
2. **Disposal of Waste:** Instead of burning the waste, it should be used to make compost.
3. **Water:** Ganga water should be supplied in the village.
4. **Pollution:** The waste released by the industries into the air and water should be regulated.


5. **Population control:** There should be a control over the population influx in the village, as a lot of people are coming into the village, which thereby decrease the job opportunities for the locals living in the village.

Suggestions by UBA Members

1. **Waste Disposal:** Red and Blue Dustbins should be installed in the village, so that the dry and wet waste can be segregated and disposed properly. There should be a regular collection of waste from these dustbins by the Noida Authority. Also people should be made aware about the importance of segregation of waste.
 2. **Solar powered street lamps:** Instead of the regular street lights, solar powered street lights should be installed in the village, so that the power consumption is low, and there is enough lighting in the village at night.
 3. **Drainage:** The drains in the village should all be properly covered. And no solid waste should be allowed to be disposed in the drains to avoid choking and overflowing. There should also be regular cleaning of the drains by the authorities.
 4. **Water:** Clean fresh water should be supplied in the village. Industries should not be allowed to release chemicals into the groundwater. The authorities should make a proper industrial waste management system.
 5. **Dumping Ground:** A proper dumping ground should be built in a suitable place, so that all there is no open dumping of waste in the village, and all the collected waste is disposed there.
-

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Bisrakh Village
Swachhata Abhiyan – “Say No to One Use Plastic” campaign

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
2.	Program Type: (fill the details from the given list)	Awareness/Motivational Program
3.	Name of Program/Event:	Swachhata Abhiyan – “Say No to One Use Plastic” campaign
4.	Organizing Agency:	Jaypee Institute of Information Technology (JIIT) Noida
5.	Organized at:	Bisrakh Village, NOIDA
6.	Name of the Organizer:	UBA Cell, JIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	24/02/2020
9.	Program End Date:	24/02/2020
10.	Program Duration (in days):	1 day
11.	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Bisrakh Village, Noida
12.	No. of internal faculties:	2
13.	No. of internal students:	13
14.	Total no. of internal participants:	15
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 70
16.	Total no. of external participants:	85
17.	Total no. of participants:	85
18.	No. of students won the prizes (if any then provide the details in summary sheet)	NA
18.	Financial support provided by the Institute:	NA
19.	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA

20	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
21	Total expenditure incurred: (Verify the financial details with finance department)	NA
22	Program Theme: Other; Swachhata Abhiyan – “Say No to One Use Plastic” campaign	
23	<p>Complete details of the event:</p> <p>The team of faculty members and volunteers of UBA Cell (JIIT Sector-62, Noida, Uttar Pradesh) visited Bishrakh villages, Noida and interacted with the residents of the villages. Cotton bags were distributed to 50 families under ‘Kapas Bag Vitran’ program of UBA cell at JIIT. The initiative was appreciated by villagers and they ensure use of cotton cloth bags for their daily uses and avoid use of plastic bags. The event was full of enthusiasm and motivation for the students who were overwhelmed by this initiative. This significant contribution by the students will be the first step towards the national building program</p>	
		

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
SURVEY REPORT OF BISRAKH

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Bisrakh village, Noida (near IIIT Sector-128) to find out the population, gender ratio, education level, basic amenities in the village etc.)
Name of Program/Event:	Survey
Organizing Agency:	UBA Cell, IIIT Noida
Organized at:	Bisrakh Village, NOIDA
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	19/01/2019
Program End Date:	13/08/2019
Program Duration (in days):	6 days in the above-mentioned period. (Refer complete event detail)
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Bisrakh village
No. of internal faculties:	2
No. of internal students:	24
Total no. of internal participants:	24 students + 2 faculty members
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	105 villagers
Total no. of external participants:	105 villagers
Total no. of participants:	131
No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
Financial support provided by the Institute:	Nil
Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
Total expenditure incurred: (Verify the financial details with finance department)	Not applicable

Program Theme: Other; Survey of the households of the villages



Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

SURVEY REPORT OF BISRAKH

Total Houses Conducted for Survey = 102

Distance from JIIT = 15 kms

Survey Dates:

1. 19 January 2019
2. 27 January 2019
3. 29 January 2019
4. 09 March 2019
5. 13 July 2019
6. 14 July 2019
7. 13 August 2019

Purpose of the Visit:

1. 19/01/2019

A team of 10 student UBA Volunteers with UBA Coordinator performed a regressed survey of the village. Students performed the survey in groups of 2 or 3 to cover the entire village effectively. They conducted the household survey to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipments and loan distribution etc.

2. 27/01/2019 & 29/01/2019

A team of 8 student UBA Volunteers with UBA Coordinator took the survey forward. This time, the team of UBA Volunteers primarily focussed on analysing the ground zero problems mentioned by the villagers.

3. 09/03/2019

A team of 10 student UBA Volunteers with One UBA Coordinator interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the view point of the locals.

4. 13/07/2019 & 14/07/2019

A team of 8 student UBA Volunteers with four UBA Cell faculty members again gathered in the village to suggest the basic solutions they had thought of in the meantime. The topics they discussed about were open defecation, lack of basic amenities.

5. 13/08/2019

A team of 6 student UBA Volunteers with four UBA Cell faculty members visited the village. This time their motive of the visit, was to evaluate the possibilities of the implementation of the proposed ideas.

Observation by UBA Volunteers in the Bisrakh Village:

1. The gender ratio in a population of approx.400 villagers .
2. Dominant age group in the village is in the range 19-45 years comprising of 93 males and 79 females.
3. Most of the population has Aadhaar card issued and Bank Accounts.
4. Swachh Bharat Mission Toilet government scheme has benefited most of the locals.
5. Literacy rate among the males is good as compared to females.
6. Percentage of students enrolled in schools is good for both boys and girls.
7. Ratio of boys to girls having school education is 30:20.
8. Ratio of boys to girls having college education is 25:10.
9. Number of primary health centres are Three in Bisrakh Village.
10. Major Health Problems among Locals is Breathing Issue and Diabetes
11. Major Drinking Facility is available in the village by Piped water.
12. Every Household in Village has connectivity to Roads.
13. Entire Village is Housing Area with No Agricultural Activities.
14. The Majority of the Locals are either in Bussiness or Other Trade.

Key Problems:

1. Open and clogging drains: Almost all the drains in this area are either clogging or open. Thus waste, floods roads leaving them wet with sludge and solid waste
2. Hygiene: Since the roads are also covered in waste, especially liquid waste, they are breeding ground for mosquitoes and pathogens. Thus, making the place unhygienic.

3. **Open Dumping ground:** At the edge of the village, there is an open dumping ground. This is also a place where you will find a lot of kids playing and animals (cows etc.) feeding.
4. **Narrow passages:** Between two buildings are allies which are also used by vehicles to commute. They are so narrow and in dark that they rarely get any sunlight and the opportunity to dry.
5. **Lack of Street Lights:** Another problem which we encountered was the lack of proper street lights as a result of which it gets very difficult to commute after daylight and safety was another major concern of the residents.
6. **An open area to play:** On the outskirts is an open area where you may find kids playing, but most of the time this place has car parked by residential/industrial area.
7. **Neighbouring industries:** Budding manufacturing factories share boundary with the village and most of their waste is also dumped into the open dumping grounds.
8. **Schools:** primary, secondary and government schools are there in the village but they lack maintenance.
9. **Infrastructure:** Most houses are cemented; roads are full of potholes and accumulated water. Electricity is available at specific times and the village has no government owned gas stations and dispensaries.
10. There is also a government owned Ayurveda centre but it looks un-operated.
11. Some basic amenities are available to most residents. This includes food, shelter, shops etc.

Suggestions by Villagers:

1. **Covered Drainage System:** There should be a proper drainage system with proper sanitary measures.
2. **Proper garbage Disposal System:** The garbage should be regularly collected and recycled.
3. **Government hospital constructions.**
4. **Government schools should provide students with proper furniture.**
5. **More classrooms should be built in government schools.**
6. **Students should be sponsored with proper textbooks and learning material.**
7. **Each locality must have dustbins set up and people should be made aware of them.**
8. **Clogging of drains and ditches should be cleaned weekly.**
9. **Safe drinking water should be provided.**
10. **Proper dumping grounds should be made.**

Suggestions by UBA Cell Volunteers of IIIT Noida:-

1. WASTE MANAGEMENT SYSTEM

We can develop smart dustbins which are capable of sensing the percentage of filled, fire & smoke inside the dustbin. The same data can be send to a server so that local authorities or municipalities can see the same and send the waste collecting vehicles to empty the dustbins when filled. These dustbins could be solar powered.

2. DRINKING WATER

We can develop stage water purification system in which the water would be passed through different stages of purification.

1st stage : activated charcoal

2nd stage : pebbles

3rd stage : micro particle filter

This can make the water upto 80% fit for drinking.

3. SOLAR POWERED STREET LIGHT SYSTEM

We have developed a smart solution under which we have:

1. **Solar power to light the street lights.**
2. **When there is no movement on street then the light will be off. So, this will help in saving the electricity also.**

Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

Swachhata Abhiyan – “Say No to One Use Plastic” campaign

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
Program Type: (fill the details from the given list)	Awareness/Motivational Program
Name of Program/Event:	Swachhata Abhiyan – “Say No to One Use Plastic” campaign
Organizing Agency:	Jaypee Institute of Information Technology (JIIT) Noida
Organized at:	Sultanpur Village, NOIDA
Name of the Organizer:	UBA Cell, JIIT Noida
Level of Event: (National/International)	National
Program Start Date:	07/11/2019
Program End Date:	07/11/2019
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Sultanpur Village, Noida
No. of internal faculties:	2
No. of internal students:	15
Total no. of internal participants:	17
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	100
Total no. of external participants:	100
Total no. of participants:	117
No. of students won the prizes (if any then provide the details in summary sheet)	NA
Financial support provided by the Institute:	NA
Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
Total expenditure incurred: (Verify the financial details with finance department)	NA
Program Theme: Other; Swachhata Abhiyan – “Say No to One Use Plastic” campaign	
<p>Complete details of the event: As a part of SAY TO NO USE PLASTIC activity of the cell, team of faculty members and volunteers of UBA Cell (JIIT Sector-62, Noida, Uttar Pradesh) visited Sultanpura villages, Noida and interacted with the residents of the villages. Cotton bags were</p>	

distributed to 100 families under 'Kapas Bag Vitran' program of UBA cell at JIIT. The initiative was appreciated by villagers and they ensure use of cotton cloth bags for their daily uses and avoid use of plastic bags. The event was full of enthusiasm and motivation for the students who were overwhelmed by this initiative. This significant contribution by the students will be the first step towards the national building program.



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N.



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N.



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N.



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N.

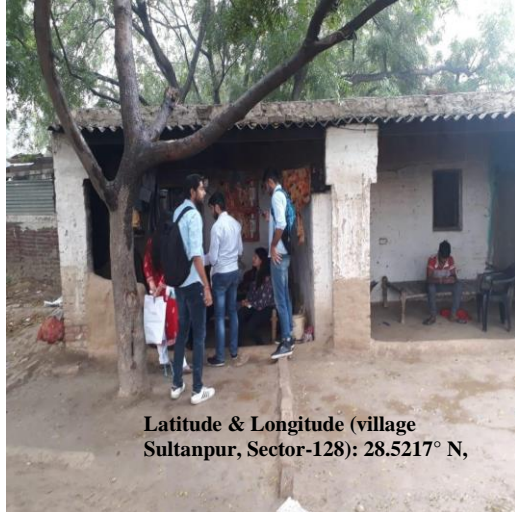
Unnat Bharat Abhiyan (UBA)

(Jaypee Institute of Information Technology, Noida-62)

Door – to – Door meeting - Sultanpur Village, Sector-63, Noida

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
2.	Program Type: (fill the details from the given list)	Door to door meeting (Sanitation, Hygiene, toilet uses, hand wash, etc.
3.	Name of Program/Event:	Door to door awareness
4.	Organizing Agency:	Jaypee Institute of Information Technology (JIIT) Noida
5.	Organized at:	Sultanpur Village, Noida
6.	Name of the Organizer:	UBA Cell, JIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	07/11/2019
9.	Program End Date:	07/11/2019
10.	Program Duration (in days):	1 day
11.	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Sultanpur village, new Sector-128, Noida
12.	No. of internal faculties:	2
13.	No. of internal students:	15
14.	Total no. of internal participants:	
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 100
16.	Total no. of external participants:	100
17.	Total no. of participants:	115
18.	No. of students won the prizes (if any then provide the details in summary sheet)	NA
19.	Financial support provided by the Institute:	NA
20.	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
21.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
22.	Total expenditure incurred: (Verify the financial details with finance department)	NA
23.	Program Theme: Any Other (Specify) Door to door program was performed by UBA Cell in the Sultanpur Village to understand issues / problems and exploring technological support and sustainable solution	
24.	Complete details of the event: Swachh Bharat Abhiyaan is a flagship nationwide campaign of the government of Hon'ble Prime Minister of India Sh. Narendra Modi, since its inception in 2014. Unnat Bharat Abhiyaan (UBA) Cell at Jaypee Institute of Information technology Noida also stood by this initiative.	

The faculty and student volunteers of JIIT organized a door to door campaign to spread awareness on Sanitation, Hygiene, toilet uses, hand wash, etc. On 7th November, 2019, the faculty members and student volunteers visited village Sultanpur, Noida, (Uttar Pradesh) and campaigned about Sanitation, Hygiene, toilet uses, hand wash, etc., and its important in making their home clean. Villagers were enthusiastic to know this and assured their input in segregating waste, a noble thought towards clean India



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N,



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N,





Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N,



Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N,

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Swachh Bharat Awareness

1 .	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
2 .	Program Type: (fill the details from the given list)	Awareness/Motivational Program
3 .	Name of Program/Event:	Swachh Bharat Awareness
4 .	Organizing Agency:	Jaypee Institute of Information Technology (JIIT) Noida
5 .	Organized at:	Sultanpur Village, NOIDA
6 .	Name of the Organizer:	UBA Cell, JIIT Noida
7 .	Level of Event: (National/International)	National
8 .	Program Start Date:	07/11/2019
9 .	Program End Date:	07/11/2019
1 0 .	Program Duration (in days):	1 day
1 1 .	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Sultanpur Village, Noida
1 2 .	No. of internal faculties:	2
1 3 .	No. of internal students:	15
1 4 .	Total no. of internal participants:	17
1 5 .	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	100
1 6 .	Total no. of external participants:	100
1 7 .	Total no. of participants:	117

1 8 .	No. of students won the prizes (if any then provide the details in summary sheet)	NA
1 8 .	Financial support provided by the Institute:	NA
1 9 .	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
2 0 .	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
2 1 .	Total expenditure incurred: (Verify the financial details with finance department)	NA
2 2 .	Program Theme: Other; Swachh Bharat Awareness- Importance of waste segregation	
2 3 .	Complete details of the event: Enclosed	
	<p>Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N,</p> 	<p>Latitude & Longitude (village Sultanpur, Sector-128): 28.5217° N,</p> 

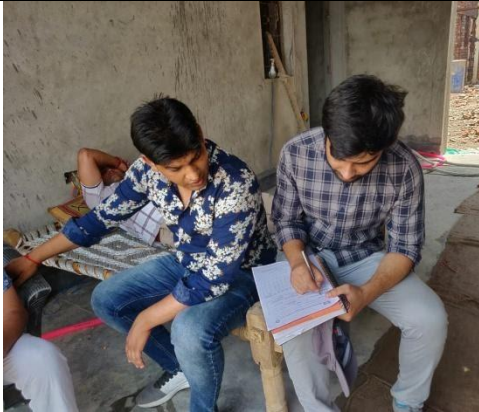
Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

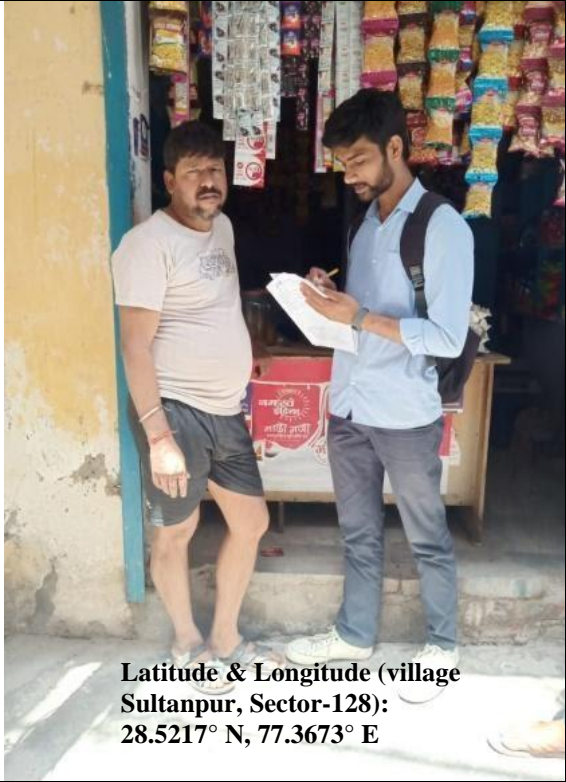
Household Survey Report of village Sultanpur

	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
	Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Sultanpur village, Noida (near JIIT Sector-128) to find out the population, gender ratio, education level, basic amenities in the village etc.)
	Name of Program/Event:	Survey
	Organizing Agency:	UBA Cell, JIIT Noida
	Organized at:	Sultanpur Village, NOIDA
	Name of the Organizer:	UBA Cell, JIIT Noida
	Level of Event: (National/International)	National
	Program Start Date:	22/02/2019
	Program End Date:	15/07/2019
	Program Duration (in days):	5 days in the above-mentioned period. (Refer complete event detail)
	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Sultanpur village, near Sector-128, Noida
	No. of internal faculties:	3
	No. of internal students:	24
	Total no. of internal participants:	24 students + 3 faculty members
	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	105 villagers
	Total no. of external participants:	105 villagers
	Total no. of participants:	132
	No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable

	Financial support provided by the Institute:	Nil
	Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
	Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
	Program Theme: Other; Survey of the households of the villages	
	Complete details of the event: Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-III	



**Latitude & Longitude (village Sultanpur, Sector-128):
28.5217° N, 77.3673° E**



**Latitude & Longitude (village Sultanpur, Sector-128):
28.5217° N, 77.3673° E**

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

UBA CELL

SURVEY REPORT OF SULTANPUR

Total Houses Conducted for Survey = 43

Distance from JIIT = 17 kms

Survey Dates:

1. 22/02/2019
2. 03/03/2019
3. 09/07/2019
4. 13/07/2019
5. 15/07/2019

Purpose of the Visit:

1. **22/02/2019**

A team of 10 students UBA volunteers with one UBA coordinator performed a regressed survey of the village. The total number of houses surveyed was 25. Students performed the survey of the village in groups of 2 to cover the entire village effectively. They conducted the household survey to collect socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipment and loan distribution.

2. **03/03/2019**

A team of 10 students UBA volunteers with UBA coordinator took the survey forward. The total number of houses surveyed were 18. This time, the team focused on analysing the ground problems mentioned by the villagers.

3. **09/07/2019**

A team of 9 students UBA volunteers with three UBA cell faculty members had an interaction with the villagers and noted down their ideas, complaints, suggestions towards the growth of the village. The basic viewpoint of the survey was explained to the villagers.

4. **13/07/2019**

A team of 9 students UBA volunteers with three UBA cell faculty members again gathered information regarding the hospitals, schools and police stations existing in the village.

5. **15/07/2019**

A team of 9 students UBA volunteers with four UBA Cell Faculty members visited the village. This time the motive was to evaluate the possibilities of the implementation of the proposed ideas and see if the mentioned ideas could fit in the budget.

Observation by UBA Volunteers in the Sultanpur Village:

1. The gender ratio in a population was approx. 219 villagers is 973 females per 1000 males.
2. Dominant age group in the village is in the range 6 to 45 yrs comprising males and females.
3. Most of the population has Aadhar cards and bank accounts.
4. Swachh Bharat mission Toilet government scheme has benefitted most of the villagers.
5. Most of the women were intermediate graduates and had sound knowledge of computers.
6. The schools, veterinary care centre and community centres were highly maintained.
7. The roads and public washrooms were properly built.
8. The ratio of Boys to Girls having school education was almost equivalent 19:18.
9. More than half of the households didn't have access to a proper waste collection system.
10. The area was Electricity deficit.

11. People were least aware about the government launched schemes and yojnas.

Key Problems:

1. Sanitation: The dumping ground were filled with cow dung sludge which activated and propelled the breeding of mosquitoes.
2. Infrastructure: The roads and buildings were not properly built nor were they properly shaped.
3. Parks and playing grounds: No sporting activities could be done due to the lack of availability of grounds.
4. Schools: Number of schools were less to fit the population of children of the village.
5. Health camps: No camps were organized by the government since years.
6. Electricity wires: The wires were cut loose and were entangled in a web which could be dangerous.
7. Street lamps: There were not enough street lamps present in the whole village.
8. Bus Stops: No nearby bus stops were available in the vicinity.

Suggestions by Villagers:





1. Proper implementation of all the yojana and policies.
2. Creating proper bins for waste collection.
3. Fixing and cleaning of the open drainage canals.
4. Continuous electricity supply to carry forward sufficient household activities.
5. Each student should be given textbooks and learning kits.
6. More number of schools should be constructed.
7. Safe and potable drinking water must be provided.
8. Proper availability of bus stops must be given.

Suggestions by UBA JIIT Noida Volunteers:

1. Smart Dustbins: the smart dustbin is carefully designed solution that solves the social issue of waste disposal. The smart dustbin identifies the kind of material being thrown inside and segregates it into bio or non-biodegradable. The dustbin also comes with options to provide wi-fi as an incentive of throwing garbage.
 2. Solar Street lights: Solar street lights are raised light sources which are powered by solar panels generally mounted on the lighting structure or integrated into the pole itself. The solar panels charge a rechargeable battery, which powers the fluorescent or LED lamp during the night.
 3. Water purified by administration.
-

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Swachhata Abhiyan – “Say No to One Use Plastic” campaign

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Awareness/Motivational Program
Name of Program/Event:	Swachhata Abhiyan – “Say No to One Use Plastic” campaign
Organizing Agency:	Jaypee Institute of Information Technology (IIIT) Noida
Organized at:	Bishanpura Village, NOIDA
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	17/10/2019
Program End Date:	17/10/2019
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Bishanpura Village, Noida
No. of internal faculties:	2
No. of internal students:	19
Total no. of internal participants:	21
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	71 families
Total no. of external participants:	~140 people
Total no. of participants:	211
No. of students won the prizes (if any then provide the details in summary sheet)	NA

	Financial support provided by the Institute:	NA
	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
	Total expenditure incurred: (Verify the financial details with finance department)	NA
Program Theme: Other; Swachhata Abhiyan – “Say No to One Use Plastic” campaign		
<p>Complete details of the event: The team of faculty members and volunteers of UBA Cell (JIIT Sector-62, Noida, Uttar Pradesh) visited Bishanpura villages (Sector-62), Noida and interacted with the residents of the villages. Cotton bags were distributed to 50 families under ‘Kapas Bag Vitran’ program of UBA cell at JIIT. The initiative was appreciated by villagers and they ensure use of cotton cloth bags for their daily uses and avoid use of plastic bags. The event was full of enthusiasm and motivation for the students who were overwhelmed by this initiative. This significant contribution by the students will be the first step towards the national building program</p>		
		
		

Unnat Bharat Abhiyan (UBA)

(Jaypee Institute of Information Technology, Noida-62)

Door – to – Door meeting - Bishanpura Village, Noida

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA
Program Type: (fill the details from the given list)	Door to door meeting (Sanitation, Hygiene, toilet uses, hand wash, etc.
Name of Program/Event:	Door to door meeting with residents of Bishanpura village
Organizing Agency:	Jaypee Institute of Information Technology (JIIT) Noida
Organized at:	Bishnpura Village, NOIDA Sector-62
Name of the Organizer:	UBA Cell, JIIT Noida
Level of Event: (National/International)	National
Program Start Date:	17/10/2019
Program End Date:	17/10/2019
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus
No. of internal faculties:	3
No. of internal students:	19
Total no. of internal participants:	3 faculty + 19 students
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	100 Villagers
Total no. of external participants:	100
Total no. of participants:	122
No. of students won the prizes (if any then provide the details in summary sheet)	NA
Financial support provided by the Institute:	NA
Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
Total expenditure incurred: (Verify the financial details with finance department)	NA
Program Theme: Any Other (Specify) Door to door program was performed by UBA Cell in the Wazidpur Village to understand issues / problems and exploring technological support and sustainable solution	
Complete details of the event:	

Swachh Bharat Abhiyaan is a flagship nationwide campaign of the government of Hon'ble Prime Minister of India Sh. Narendra Modi, since its inception in 2014. Unnat Bharat Abhiyaan an active contributor to this noble cause for national building, the student volunteers and teachers from Institute under the esteemed guidance of Prof. Sanjeev Sharma (Associate Dean and Professor, Department of Mathematics, JIIT Noida), organized a door to door campaign to spread awareness on Sanitation, Hygiene, toilet uses, hand wash, etc. On 17th October, 2019, the faculty members and student volunteers visited village Bishnpura, Noida, (Uttar Pradesh) and campaigned about Sanitation, Hygiene, toilet uses, hand wash, etc and its important in making their home clean. Villagers were enthusiastic to know this and assured their input in segregating waste, a noble thought towards clean India



Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Swachh Bharat Awareness

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Awareness/Motivational Program
Name of Program/Event:	Swachh Bharat Awareness
Organizing Agency:	Jaypee Institute of Information Technology (IIIT) Noida
Organized at:	Bishanpura Village, NOIDA
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	17/10/2019
Program End Date:	17/10/2019
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Bishanpura Village, Noida
No. of internal faculties:	2
No. of internal students:	19
Total no. of internal participants:	21
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	71 families
Total no. of external participants:	~140 people
Total no. of participants:	211
No. of students won the prizes (if any then provide the details in summary sheet)	NA
Financial support provided by the Institute:	NA
Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
Total expenditure incurred: (Verify the financial details with finance department)	NA

Program Theme: Other; Swachh Bharat Awareness- Importance of waste segregation

Complete details of the event: Enclosed



Details of Event:



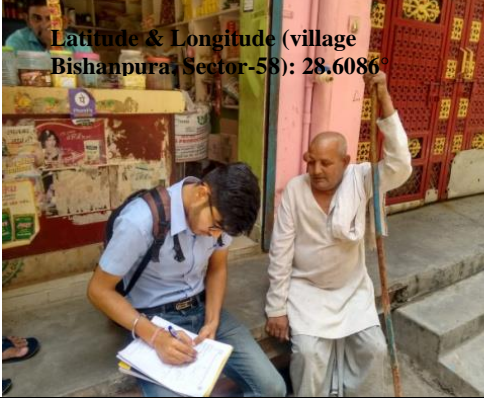
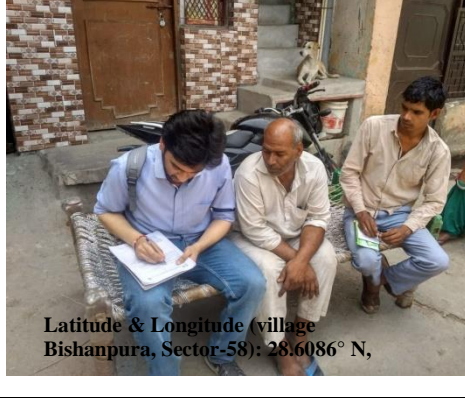
The efficient waste disposal mechanism can be implemented in cities and villages with the understanding of the importance of waste management. The UBA Cell at IIIT Noida, organized a drive in Bishanpura village on 17th October, 2019 to appraise the villagers of the importance of waste segregation. The students used banners and slogans and interacted with people of the villages to append them the role of colour codes on dustbins in efficient waste management. The initiative was appreciated by the villagers and they stood by the volunteers till late evening. Event was motivational for the student volunteers of UBA cell.

Jaypee Institute of Information Technology, Noida

Unnat Bharat Abhiyan

SURVEY REPORT OF BISHANPURA

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
2.	Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Bishanpura village, Noida to find out the population, gender ratio, education level, basic amenities in the village etc.)
3.	Name of Program/Event:	Survey
4.	Organizing Agency:	UBA Cell, IIIT Noida
5.	Organized at:	Bishanpura Village, NOIDA
6.	Name of the Organizer:	UBA Cell, IIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	28/01/2019
9.	Program End Date:	12/07/2019
10.	Program Duration (in days):	8 days in the above mentioned period. (Refer complete event detail)
11.	Program Conducted: (Within Campus or Outside Campus)	Bishanpura village, Noida
12.	No. of internal faculties:	3
13.	No. of internal students:	43
14.	Total no. of internal participants:	43 students + 3 faculty members
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	100 villagers
16.	Total no. of external participants:	100 villagers
17.	Total no. of participants:	146
18.	No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
18.	Financial support provided by the Institute:	Nil
19.	Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
20.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
21.	Total expenditure incurred:	Not applicable

	(Verify the financial details with finance department)	
2	Program Theme: Other; Survey of the households of the villages	
2.	(fill the details from the given list)	
2	Complete details of the event: Separate sheet attached	
3.		
	 <p>Latitude & Longitude (village Bishanpura, Sector-58): 28.6086°</p>	 <p>Latitude & Longitude (village Bishanpura, Sector-58): 28.6086°</p>
	 <p>Latitude & Longitude (village Bishanpura, Sector-58): 28.6086°</p>	 <p>Latitude & Longitude (village Bishanpura, Sector-58): 28.6086° N,</p>

Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

SURVEY REPORT OF BISHANPURA

Total Houses Conducted for Survey = 98

Distance from IIIT = 4.5 kms

Date of Surveys

1. 28/01/2019
2. 08/03/2019
3. 09/03/2019
4. 16/03/2019
5. 07/07/2019
6. 08/07/2019
7. 10/07/2019
8. 12/07/2019

Purpose of the Visit:

1. 14/01/2019: A village survey was conducted by the team of UBA volunteers with the UBA coordinator, where village infrastructure, basic amenities, village connectivity, land, forest and horticultural profile, and common village electricity requirements were examined and evaluated.
2. 28/01/2019: The first set of household survey was conducted by the UBA volunteers in a team of 2-3 volunteers, in the presence of the UBA coordinator. They conducted household surveys to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipment and loan distribution.
3. 08/03/2019 & 09/03/2019: The team of UBA volunteers took the survey forward. This time, they primarily focused on analyzing the ground zero problems mentioned by the villagers. Major problems found were open dumping of waste, uncovered and overflowing drainage systems, and pollution of air by the factories.
4. 16/03/2019: The volunteers interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the viewpoint of the locals.
5. 07/07/2019 & 08/07/2019: After identifying and analyzing the problems, the volunteers gathered again in the village, to suggest and discuss the basic solutions they formulated by analyzing the problems. Some of the suggestions included, installation of smart dustbins, and solar powered street lights.
6. 10/07/2019 & 12/07/2019: The motive of the visit this time was to evaluate the possibilities of the implementation of the proposed ideas.

General Observations:

The electricity supply in the village is good as each household receives more than 20 hours of supply. There is an absence of a hospital in the village, but there are many clinics in the area. The houses in this village have been assigned proper house and block numbers. There are many boys PGs inside the village. There are 3 temples and 3 parks inside the village.

1. The gender ratio in a population of approx 345 is 917 females per 1000 males.

2. Dominant age group in the village is in the range 19-45 years comprising of 89 males and 84 females.
3. 100% of the total population has an Aadhar card issued.
4. 78.23% of the population has bank accounts.
5. PM Jan Dhan Yojana is the government scheme that has benefited most of the locals.
6. Literacy rate among the males is 81.67% and among females is 69.09% making the total literacy rate to be 75.65%.
7. Percentage of male students enrolled in schools is 82.22% and female student enrolled is 90%.
8. Ratio of boys to girls having school education is 34:27.
9. Ratio of boys to girls having college education is 20:8.
10. Number of primary health centres per thousand population is 8.7
11. Major drinking facility is available in the village by piped water.
12. Most of the households in the village have connectivity to toilets.
13. Entire village is housing area with no agricultural activities
14. Majority of the locals here are unskilled wage workers.

Problems Identified in the village:

1. Waste management: There is a lot of open dumping of waste at various areas of the village. The authorities and civic bodies do not take responsibility for waste collection and management. Improper waste disposal is a major issue in this village.
2. Roads: The roads in the village have an average condition as some are well maintained and some are filled with potholes or are under construction.
3. Drainage: The drains in the village are not covered, and release foul smell. In many regions the drains are choked or overflowing.
4. Pollution: There are a lot of factories in the vicinity of the village, which release a lot of harmful chemicals into the air and water of the village. Also there is burning of waste in the village, which pollutes the air.
5. Unemployment: Many people in this village don't have proper jobs. Most of them are laborers in the nearby factories.
6. Water: The water supply in the village is not good. The groundwater is also not clean as it is polluted by the industries surrounding the village.
7. Street Light: The street lighting in the village is either not installed or not in a working condition. The electricity wires in the area are also not properly done.
8. Other: The network coverage in the area is not good. There is not enough public transport available near the village. Senior Citizens do not get enough pensions from the government.

Suggestions by Villagers:

1. Waste segregation: Waste should be segregated at the homes itself. So that the collection of waste becomes easier and efficient.
2. Disposal of Waste: Instead of burning the waste, it should be used to make compost.
3. Water: Ganga water should be supplied in the village.
4. Pollution: The waste released by the industries into the air and water should be regulated.
5. Population control: There should be a control over the population influx in the village, as a lot of people are coming into the village, which thereby decrease the job opportunities for the locals living in the village.

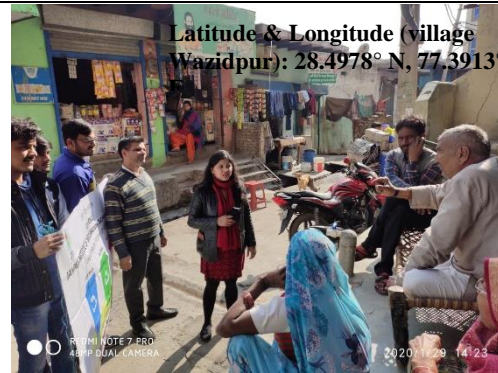
Suggestions by UBA Members

1. Waste Disposal: Red and Blue Dustbins should be installed in the village, so that the dry and wet waste can be segregated and disposed properly. There should be a regular collection of waste from these dustbins by the Noida Authority. Also people should be made aware about the importance of segregation of waste.
 2. Solar powered street lamps: Instead of the regular street lights, solar powered street lights should be installed in the village, so that the power consumption is low, and there is enough lighting in the village at night.
 3. Drainage: The drains in the village should all be properly covered. And no solid waste should be allowed to be disposed in the drains to avoid choking and overflowing. There should also be regular cleaning of the drains by the authorities.
 4. Water: Clean fresh water should be supplied in the village. Industries should not be allowed to release chemicals into the groundwater. The authorities should make a proper industrial waste management system.
 5. Dumping Ground: A proper dumping ground should be built in a suitable place, so that all there is no open dumping of waste in the village, and all the collected waste is disposed there.
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Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Swachhata Rally

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Awareness/Motivational Program
Name of Program/Event:	Swachhata Rally
Organizing Agency:	Jaypee Institute of Information Technology (IIIT) Noida
Organized at:	Wazidpur Village, Sector-63, NOIDA
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	29-01-2020
Program End Date:	29-01-2020
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Wazidpur Village, Noida
No. of internal faculties:	2
No. of internal students:	31
Total no. of internal participants:	33
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 80
Total no. of external participants:	80
Total no. of participants:	113
No. of students won the prizes (if any then provide the details in summary sheet)	NA
Financial support provided by the Institute:	NA
Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
Total expenditure incurred: (Verify the financial details with finance department)	NA
Program Theme: Other; Swachhata Abhiyan – Swachhata Rally	
Complete details of the event:	

A swachhata awareness rally was organized by students volunteers and faculty staffs of Jaypee Institute of Information Technology, NOIDA on 29-01-2020 at Wazidpur village. Total 31 students UBA volunteers and 4 UBA Cell faculty members participated in the march to create awareness cleanliness among local people and to imbibe them in our day to day life. The swachhata rally includes clean schools, clean surroundings and play area, pure drinking water facilities, proper toilets, safe and clean food and personal hygiene Avoiding careless garbage disposal on the roads.



Jaypee Institute of Information Technology Noida Unnat Bharat Abhiyan

A swachhata awareness rally was organized by student volunteers and faculty staffs of Jaypee Institute of Information Technology, NOIDA on 29-01-2020 at Wazidpur village. Total 31 students UBA volunteers and 4 UBA Cell faculty members participated in the march to create awareness cleanliness among local people and to imbibe them in our day to day life. The swachhata rally includes clean schools, clean surroundings and play area, pure drinking water facilities, proper toilets, safe and clean food and personal hygiene Avoiding careless garbage disposal on the roads.

Activity: Swachhata Rally Wazidpur Village
Distance from JIIT Noida: 2 KM

Date: Jan 29, 2020

S.N.	E. No.	Student Name	Batch	Year
1	19102232	Aayush Tiwari	A8	1 st
2	19102181	Abhishek Pandey	A7	1 st
3	19102193	Adarsh Upadhyay	A7	1 st
4	19102230	Aditya Jain	A8	1 st
5	19102180	Ajeet Singh	A7	1 st
6	19102231	Akshat Upadhyay	A8	1 st
7	19102194	Alok Dwivedi	A7	1 st
8	19102200	Alok Tripathi	A7	1 st
9	19102191	Aman Thapliyal	A7	1 st
10	19102204	Anubhav Rai	A7	1 st
11	19102233	Anuj Singh	A8	1 st
12	19102184	Ayush Pratap Singh	A7	1 st
13	19102217	Chinmay Tiwari	A8	1 st
14	19102210	Daksh Budhiraja	A8	1 st
15	19102199	Daksh Kalra	A7	1 st
16	19102207	Deepanshu Bhatti	A8	1 st
17	19102209	Dilip Singhal	A8	1 st
18	19102224	Indraj Singh	A8	1 st
19	19102215	Kishan Gupta	A8	1 st
20	19102212	Mohit Chaturvedi	A8	1 st
21	19102186	Nikhil Verma	A7	1 st
22	19102202	Palak Srivastav	A7	1 st
23	19102211	Pallavi Joshi	A8	1 st
24	19102220	Pratyush Sharma	A8	1 st
25	19102229	Pratyush Singh	A8	1 st
26	19102195	Raushan Kumar	A7	1 st
27	19102216	Satwik Doneriya	A8	1 st
28	19102196	Shikhar Ps Rawat	A7	1 st
29	19102201	Shreya Singh	A7	1 st
30	19102222	Shruti Vyas	A8	1 st
31	19102183	Vasu Khandelwal	A7	1 st

(Prof. Sanjeev Sharma)
UBA Coordinator JIIT Noida

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Swachh Bharat Awareness

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Awareness/Motivational Program
Name of Program/Event:	Swachh Bharat Awareness
Organizing Agency:	Jaypee Institute of Information Technology (IIIT) Noida
Organized at:	Wazidpur Village, NOIDA Sector-63
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	15/10/2019
Program End Date:	15/10/2019
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Wazidpur Village, Sector-63, Noida
No. of internal faculties:	2
No. of internal students:	24
Total no. of internal participants:	26
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 75
Total no. of external participants:	101
Total no. of participants:	101
No. of students won the prizes (if any then provide the details in summary sheet)	NA
Financial support provided by the Institute:	NA
Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
Total expenditure incurred: (Verify the financial details with finance department)	NA
Program Theme: Other; Swachh Bharat Awareness- Importance of waste segregation	
Complete details of the event: Enclosed	

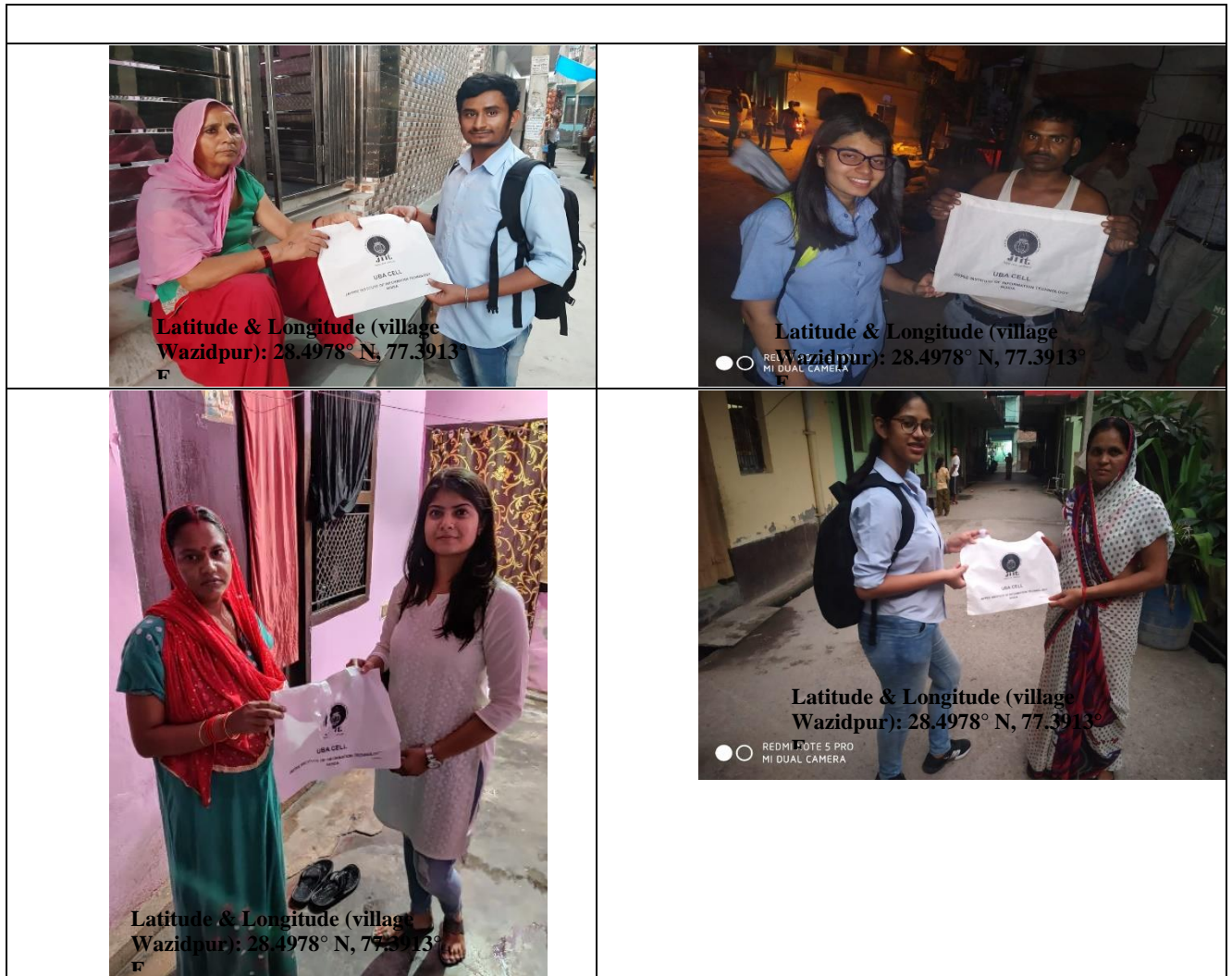


Details of Event:

The efficient waste disposal mechanism can be implemented in cities and villages with the understanding of the importance of waste management. The UBA Cell at JIIT Noida, organized a drive in Wazidpur village on 15th October, 2019 to appraise the villagers of the importance of waste segregation. The students used banners and slogans and interacted with people of the villages to append them the role of color codes on dustbins in efficient waste management. The initiative was appreciated by the villagers and they stood by the volunteers till late evening. Event was motivational for the student volunteers of UBA cell.

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Swachhata Abhiyan – “Say No to One Use Plastic” campaign

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Awareness/Motivational Program
Name of Program/Event:	Swachhata Abhiyan – “Say No to One Use Plastic” campaign
Organizing Agency:	Jaypee Institute of Information Technology (IIIT) Noida
Organized at:	Wazidpur Village, NOIDA Sector-63
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	15/10/2019
Program End Date:	15/10/2019
Program Duration (in days):	1 day
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Wazidpur Village, Sector-63, Noida
No. of internal faculties:	2
No. of internal students:	24
Total no. of internal participants:	26
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 75
Total no. of external participants:	101
Total no. of participants:	101
No. of students won the prizes (if any then provide the details in summary sheet)	NA
Financial support provided by the Institute:	NA
Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
Total expenditure incurred: (Verify the financial details with finance department)	NA
Program Theme: Other; Swachhata Abhiyan – “Say No to One Use Plastic” campaign	
Complete details of the event: (Attach a summary sheet)	



Detail of the event:

Unnat Bharat Abhiyan Cell at IIIT Noida fostered the initiative of Government of India to minimize the use of non-degradable waste and adopt the resources that can become part of circular economy and provide sustainability solution for villages. The UBA Cell at IIIT Noida organized cloth bag distribution drive “Kapas bag vitran”. Cotton bags were distributed to 71 families of Wazidpur village. The initiative was appreciated by villagers and they ensure use of cotton cloth bags for their daily uses and avoid use of plastic bags. The event was full of enthusiasm and motivation for the students who were overwhelmed by this initiative. This significant contribution by the students will be the first step towards the national building program.

Unnat Bharat Abhiyan (UBA)

(Jaypee Institute of Information Technology, Noida-62)

Door – to – Door meeting - Wazidpur Village, Sector-63, Noida

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
2.	Program Type: (fill the details from the given list)	Door to door meeting (Sanitation, Hygiene, toilet uses, hand wash, etc.
3.	Name of Program/Event:	Door to door awareness
4.	Organizing Agency:	Jaypee Institute of Information Technology (JIIT) Noida
5.	Organized at:	Wazidpur Village, NOIDA Sector-63
6.	Name of the Organizer:	UBA Cell, JIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	15/10/2019
9.	Program End Date:	15/10/2019
10.	Program Duration (in days):	1 day
11.	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Wazidpur village, Sector-63, Noida
12.	No. of internal faculties:	4
13.	No. of internal students:	24
14.	Total no. of internal participants:	
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 72
16.	Total no. of external participants:	72
17.	Total no. of participants:	120
18.	No. of students won the prizes (if any then provide the details in summary sheet)	NA
19.	Financial support provided by the Institute:	NA
20.	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
21.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
22.	Total expenditure incurred: (Verify the financial details with finance department)	NA
23.	Program Theme: Any Other (Specify) Door to door program was performed by UBA Cell in the Wazidpur Village to understand issues / problems and exploring technological support and sustainable solution	
24.	Complete details of the event: Swachh Bharat Abhiyaan is a flagship nationwide campaign of the government of Hon'ble Prime Minister of India Sh. Narendra Modi, since its inception in 2014. Unnat Bharat	

Abhiyaan (UBA) Cell at Jaypee Institute of Information technology Noida also stood by this initiative.

As an active contributor to this noble cause for national building, the student volunteers and teachers from Institute under the esteemed guidance of Prof. Sanjeev Sharma (Associate Dean and Professor, Department of Mathematics, JIIT Noida), organized a door to door campaign to spread awareness on Sanitation, Hygiene, toilet uses, hand wash, etc. On 15th October, 2019, the faculty members and student volunteers visited village Wazidpur, Noida, (Uttar Pradesh) and campaigned about Sanitation, Hygiene, toilet uses, hand wash, etc and its important in making their home clean. Villagers were enthusiastic to know this and assured their input in segregating waste, a noble thought towards clean India.



Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913°



Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913°



Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913°



Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913°

Jaypee Institute of Information Technology Noida Unnat Bharat Abhiyan

Unnat Bharat Abhiyaan (UBA) is a flagship nationwide campaign of the government of India. UBA Cell at Jaypee Institute of Information technology Noida also stood by this initiative. As an active contributor to this noble cause for national building, the 24 UBA volunteers and 4 faculty members from JIIT organized the following activities: 1) Door to door awareness, and 2) No to one use plastic, at Wazidpur Village on from March 2019 to September, 2019.

Activity: 1) Door to door awareness, 2) No to one use plastic, and 3) Swachh Bharat Awareness of Wazidpur Village

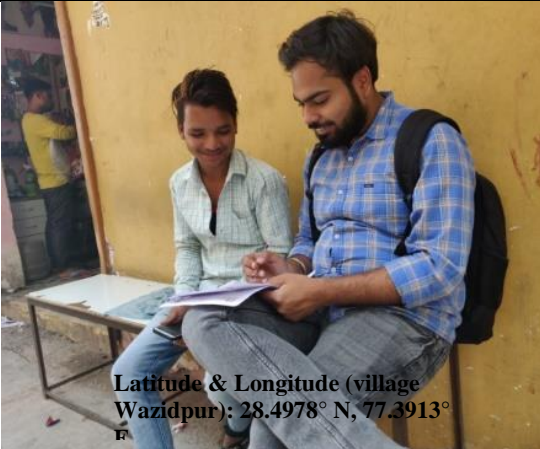



Date: Oct 15, 2019

Distance from JIIT Noida: 2 KM

S.N.	Student Name	Batch	Year	Phone No.	E-Mail
1	Arshpreet	CSE	2 nd	8800408558	arshpreet1010@gmail.com
2	Snehima Gupta	ECE	2 nd	9555955503	Snehima2004@gmail.com
3	Vivek Shukla	ECE	2 nd	9571036176	ishuklavivek@gmail.com
4	Manav Chawla	ECE	2 nd	9310012116	chawlamana300@gmail.com
5	Sanket Chauhan	ECE	2 nd	8826369658	sanket.chauhan4@gmail.com
6	Priyanshu Singh	ECE	2 nd	7834991123	priyanshu.singh794@gmail.com
7	Pooja Dwivedi	ECE	2 nd	7987118747	pooja01jul@gmail.com
8	Md. Shahnwaz	CSE	2 nd	8271124457	msshahnwaz@gmail.com
9	Tushar Singh	MBA	2 nd	8700661420	tushar.singh9496@gmail.com
10	Bhawana Singh	MBA	2 nd	7042239705	bhawanadomain.singh@gmail.com
11	Abhishek S Rathore	B5	2 nd	9354796054	rathoreabhi062000@gmail.com
12	Ayush Kumar	B12	2 nd	8529913727	ayushkumarjha27@gmail.com
13	Shubh Anand	B 12	2 nd	9839076826	shubhanand2673@gmail.com
14	Rashi Poddar	ECE	4 th	8368188650	rashipoddar98@gmail.com
15	Teghdeep Kapoor	IT	2 nd	9870500847	teghdeep@gmail.com
16	Srijan Garg	IT	2 nd	9899589002	srijangarg9899589002@gmail.com
17	Tanya Pandhi	IT	2 nd	7840017127	pandhitanya@gmail.com
18	Priyanka Srivastava	IT	2 nd	8826564688	psrivastava4300@gmail.com
19	Divyam Srivastava	IT	2 nd	9910780178	divyam09srivastava@gmail.com
20	Vardhika Jain	IT	2 nd	8187901159	vardhika312@gmail.com
21	Rakshit Gangwar	CSE	3 rd	8090111114	rakshit.gangwar@gmail.com
22	Dhananjay Sharma	IT	2 nd	8979249624	Sdhananjay006@gmail.com
23	Mayuri Sahai	IT	2 nd	8588818547	mayurisahai77@gmail.com
24	Damyanti Singh	IT	2 nd	9568544055	damyantisingh10@gmail.com

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Survey Report to village Wazidpur

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
2.	Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Wazidpur village, Noida to find out the population, gender ratio, education level, basic amenities in the village etc.)
3.	Name of Program/Event:	Survey
4.	Organizing Agency:	UBA Cell, JIIT Noida
5.	Organized at:	Wazidpura Village, NOIDA Sector-63
6.	Name of the Organizer:	UBA Cell, JIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	19/01/2019
9.	Program End Date:	13/08/2019
10.	Program Duration (in days):	6 days in the above mentioned period. (Refer complete event detail)
11.	Program Conducted: (Within Campus or Outside Campus)	Outside campus; Wazidpur village, Sector-63, Noida
12.	No. of internal faculties:	3
13.	No. of internal students:	43
14.	Total no. of internal participants:	43 students + 3 faculty members
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	250 villagers
16.	Total no. of external participants:	250 villagers
17.	Total no. of participants:	296
18.	No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
18.	Financial support provided by the Institute:	Nil
19.	Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil

2 0.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
2 1.	Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
2 2.	Program Theme: Other; Survey of the households of the villages	
2 3.	Complete details of the event: Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-I	
	 <p>Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913° F</p>	 <p>Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913° F</p>
	 <p>Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913° F</p>	 <p>Latitude & Longitude (village Wazidpur): 28.4978° N, 77.3913° F</p>

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
SURVEY REPORT OF WAZIDPUR

Total Houses Conducted for Survey = 98

Distance from IIIT = 2.0 kms

Survey Dates:

1. 07/03/2019
2. 08/03/2019
3. 27/03/2019
4. 17/07/2019
5. 22/07/2019
6. 09/09/2019

Purpose of the Visit:

1. 07/03/2019

A team of 16 student UBA Volunteers with One UBA Coordinator performed a regressed survey of the village. The total number of houses surveyed that day was 78. Students performed the survey in groups of 2 or 3 to cover the entire village effectively. They conducted the household survey to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipments and loan distribution etc.

2. 08/03/2019

A team of 11 student UBA Volunteers with One UBA Coordinator took the survey forward. This time, the team of UBA Volunteers primarily focussed on analysing the ground zero problems mentioned by the villagers.

3. 27/03/2019

A team of 10 student UBA Volunteers with One UBA Coordinator interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the view point of the locals.

4. 17/07/2019 & 22/07/2019

A team of 11 student UBA Volunteers with four UBA Cell faculty members again gathered in the village to suggest the basic solutions they had thought of in the meantime. The topics they discussed about were open defecation, lack of basic amenities.

5. 09/09/2019

A team of 11 student UBA Volunteers with four UBA Cell faculty members visited the village. This time their motive of the visit, was to evaluate the possibilities of the implementation of the proposed ideas.

Observation by UBA Volunteers in the Wazidpur Village:

1. The gender ratio in a population of approx. 300 villagers is 724 females per 1000 males.
2. Dominant age group in the village is in the range 19-45 years comprising of 93 males and 79 females.
3. Most of the population has Aadhaar card issued and Bank Accounts.
4. Swachh Bharat Mission Toilet government scheme has benefited most of the locals.
5. Literacy rate among the males is good as compared to females.
6. Percentage of students enrolled in schools is good for both boys and girls.
7. Ratio of boys to girls having school education is 30:20.
8. Ratio of boys to girls having college education is 25:10.
9. Number of primary health centres are Three in Wazidpur Village.
10. Major Health Problems among Locals is Breathing Issue and Diabetes

11. Major Drinking Facility is available in the village by Piped water.
12. Every Household in Village has connectivity to Roads.
13. Entire Village is Housing Area with No Agricultural Activities.
14. The Majority of the Locals are either in Bussiness or Other Trade.

Key Problems:

1. Open and clogging drains: Almost all the drains in this area are either clogging or open. Thus waste, floods roads leaving them wet with sludge and solid waste
2. Hygiene: Since the roads are also covered in waste, especially liquid waste, they are breeding ground for mosquitoes and pathogens. Thus, making the place unhygienic.
3. Open Dumping ground: At the edge of the village, there is an open dumping ground. This is also a place where you will find a lot of kids playing and animals (cows etc.) feeding.
4. Narrow passages: Between two buildings are allies which are also used by vehicles to commute. They are so narrow and in dark that they rarely get any sunlight and the opportunity to dry.
5. An open area to play: On the outskirts is an open area where you may find kids playing, but most of the time this place has car parked by residential/industrial area.
6. Neighbouring industries: Budding manufacturing factories share boundary with the village and most of their waste is also dumped into the open dumping grounds.
7. Schools: primary, secondary and government schools are there in the village but they lack maintenance.
8. Infrastructure: Most houses are cemented; roads are full of potholes and accumulated water. Electricity is available at specific times and the village has no government owned gas stations and dispensaries.
9. There is also a government owned Ayurveda centre but it looks un-operated.
10. Some basic amenities are available to most residents. This includes food, shelter, shops etc.

Suggestions by Villagers:

1. Covered Drainage System: There should be a proper drainage system with proper sanitary measures.
2. Proper garbage Disposal System: The garbage should be regularly collected and recycled.
3. Government hospital constructions.
4. Government schools should provide students with proper furniture.
5. More classrooms should be built in government schools.
6. Students should be sponsored with proper textbooks and learning material.
7. Each locality must have dustbins set up and people should be made aware of them.
8. Clogging of drains and ditches should be cleaned weekly.
9. Safe drinking water should be provided.
10. Proper dumping grounds should be made.

Suggestions by UBA Cell Volunteers of JIIT Noida-:

1. Smart Dustbins: The **smart dustbin** is a carefully designed solution that solves the social issue of waste disposal, the **smart dustbin** identifies the kind of material being thrown inside it and segregates it into bio or non-biodegradable. The **dustbin** also comes with an option to provide WIFI as an incentive of throwing garbage.
 2. Solar street lights :**Solar street lights** are raised light sources which are powered by solar panels generally mounted on the lighting structure or integrated into the pole itself. The solar panels charge a rechargeable battery, which powers a fluorescent or LED lamp during the night.
 3. Water purified by administration
-

Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

Swachhata Abhiyan – “Nukkad Natak”

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
2.	Program Type: (fill the details from the given list)	Swachhata Abhiyan
3.	Name of Program/Event:	Nukkad natak
4.	Organizing Agency:	Jaypee Institute of Information Technology (IIIT)Noida
5.	Organized at:	Wazidpur Village, NOIDA Sector-63
6.	Name of the Organizer:	UBA Cell, IIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	16/01/2020
9.	Program End Date:	16/01/2020
10.	Program Duration (in days):	01 Day
11.	Program Conducted: (Within Campus or Outside Campus)	Outside campus
12.	No. of internal faculties:	4
13.	No. of internal students:	11
14.	Total no. of internal participants:	15
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 100
16.	Total no. of external participants:	100 (villagers)
17.	Total no. of participants:	115
18.	No. of students won the prizes (if any then provide the details in summary sheet)	NA
19.	Financial support provided by the Institute:	NA
20.	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
21.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
22.	Total expenditure incurred: (Verify the financial details with finance department)	NA
23.	Program Theme: “Nukkad Natak” for swachchata abhiyan performed by UBA Cell in the villages adopted by IIIT Noida.	
24.	Details of the event To motivate the people of the villgages for the Swachchata Abhiyan, a team of the IIIT student under the supervision of senior faculty members, designed a nukkad natak. The goal of the natak was to inspire the people for not spreading waste. The following information were included in the Nukkad Natak:	

- Avoiding careless garbage disposal on the roads
- Avoiding careless disposal of drinking water bottle, plastic bags in open space.
- Avoiding dumping garbage in the drainage
- Putting the garbage in the bin not dumping in open.
- How to be a responsible citizen of the country.
- Reduce unnecessary consumption, reuse what can be reused and recycle what can be recycled.
- If every one of us becomes aware of our social responsibility towards cleanliness, Swachh Bharat will not be just a dream.
- Etc.

To demonstrate the above information a captivating performance was done by the student. In the Natak, there were 11 participants and they played different roles of different categories of the citizens. To watch the Natak a large number of villagers including men, women and children were gathered. The feedback of the villagers was positive and they all decided to incorporate the Swachhata Abhiyan by becoming a responsible citizen.



Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan SURVEY REPORT OF KHAIRPUR

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Khairpur village, Noida, to find out the population, gender ratio, education level, basic amenities in the village etc.)
Name of Program/Event:	Survey
Organizing Agency:	UBA Cell, JIIT Noida
Organized at:	Khairpur Village, NOIDA
Name of the Organizer:	UBA Cell, JIIT Noida
Level of Event: (National/International)	National
Program Start Date:	29/01/2019
Program End Date:	13/07/2019
Program Duration (in days):	8 days in the above-mentioned period. (Refer complete event detail)
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Khairpur village
No. of internal faculties:	2
No. of internal students:	24
Total no. of internal participants:	24 students + 2 faculty members
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	75 villagers
Total no. of external participants:	75 villagers
Total no. of participants:	101
No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
Financial support provided by the Institute:	Nil
Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
Program Theme:	Other; Survey of the households of the villages
Complete details of the event:	Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-V



**Latitude & Longitude
(village Khairpur): 28.4743°
N, 77.5039° E**



**Latitude & Longitude
(village Khairpur): 28.4743°
N, 77.5039° E**



**Latitude & Longitude
(village Khairpur): 28.4743°
N, 77.5039° E**



**Latitude & Longitude
(village Khairpur): 28.4743°
N, 77.5039° E**

Jaypee Institute of Information Technology, Noida

Unnat Bharat Abhiyan Cell

Survey Report of Khairpur Village, Noida

Surveys Conducted:

Number of households covered: **68**

Date of Surveys

9. **29/01/2019**
10. **20/02/2019**
11. **11/03/2019**
12. **30/03/2019**
13. **08/07/2019**
14. **10/07/2019**
15. **12/07/2019**
16. **13/07/2019**

Purpose of the Visit:

7. **29/01/2019:** A village survey was conducted by the team of UBA volunteers with the UBA coordinator, where village infrastructure, basic amenities, village connectivity, land, forest and horticultural profile, and common village electricity requirements were examined and evaluated.
8. **20/02/2019:** The first set of household survey was conducted by the UBA volunteers in a team of 2-3 volunteers, in the presence of the UBA coordinator. They conducted household surveys to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipment and loan distribution.
9. **11/03/2019:** The team of UBA volunteers took the survey forward. This time, they primarily focused on analyzing the ground zero problems mentioned by the villagers. Major problems found were open dumping of waste, uncovered and overflowing drainage systems, and pollution of air by the factories.
10. **30/03/2019:** The volunteers interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the viewpoint of the locals.
11. **08/07/2019 & 10/07/2019:** After identifying and analyzing the problems, the volunteers gathered again in the village, to suggest and discuss the basic solutions they formulated by analyzing the problems. Some of the suggestions included, installation of smart dustbins, and solar powered street lights.
12. **12/07/2019 & 13/07/2019:** The motive of the visit this time was to evaluate the possibilities of the implementation of the proposed ideas.

General Observations:

14. The gender ratio in a population of approx 251 is 685 females per 1000 males.
15. Dominant age group in the village is in the range 19-45 years consisting of 90 males and 49 females.
16. 97.17% of the total population has an Aadhar card issued.
17. 84.05% of the population has bank accounts.
18. PM Jan Dhan Yojana is the government scheme that has benefited most of the locals.
19. Literacy rate among the males is 91.95% and among females is 63.73% making the total literacy rate to be 80.48%.
20. Percentage of male students enrolled in schools is 67.86% and female students enrolled is 75%.
21. Ratio of boys to girls having school education is 21:17.
22. Ratio of boys to girls having college education is 25:6.
23. Major drinking facility is available in the village by piped water and hand pump.
24. Most of the households in the village have connectivity to toilets.
25. Entire village is housing area with no agricultural activities
26. Majority of the locals here are skilled and unskilled wage workers.

Problems Identified in the village:

9. **Waste management:** There is a lot of open dumping of waste at various areas of the village. The authorities and civic bodies do not take responsibility for waste collection and management. Improper waste disposal is a major issue in this village.
10. **Roads:** The roads in the village have an average condition as some are well maintained and some are filled with potholes or are under construction.
11. **Drainage:** The drains in the village are not covered, and release foul smell. In many regions the drains are choked or overflowing.
12. **Pollution:** There are a lot of factories in the vicinity of the village, which release a lot of harmful chemicals into the air and water of the village. Also there is burning of waste in the village, which pollutes the air.
13. **Unemployment:** Many people in this village don't have proper jobs. Most of them are labourers in the nearby factories.
14. **Water:** The water supply in the village is not good. The groundwater is also not clean as it is polluted by the industries surrounding the village.
15. **Street Light:** The street lighting in the village is either not installed or not in a working condition. The electricity wires in the area are also not properly done.
16. **Other:** The network coverage in the area is not good. There is not enough public transport available near the village. Senior Citizens do not get enough pension from the government.

Suggestions by Villagers:

6. **Waste segregation:** Waste should be segregated at the homes itself. So that the collection of waste becomes easier and efficient.
7. **Disposal of Waste:** Instead of burning the waste, it should be used to make compost.
8. **Water:** Ganga water should be supplied in the village.
9. **Pollution:** The waste released by the industries into the air and water should be regulated.

10. **Population control:** There should be a control over the population influx in the village, as a lot of people are coming into the village, which thereby decrease the job opportunities for the locals living in the village.

Suggestions by UBA Members

6. **Waste Disposal:** Red and Blue Dustbins should be installed in the village, so that the dry and wet waste can be segregated and disposed properly. There should be a regular collection of waste from these dustbins by the Noida Authority. Also people should be made aware about the importance of segregation of waste.
7. **Solar powered street lamps:** Instead of the regular street lights, solar powered street lights should be installed in the village, so that the power consumption is low, and there is enough lighting in the village at night.
8. **Drainage:** The drains in the village should all be properly covered. And no solid waste should be allowed to be disposed in the drains to avoid choking and overflowing. There should also be regular cleaning of the drains by the authorities.
9. **Water:** Clean fresh water should be supplied in the village. Industries should not be allowed to release chemicals into the groundwater. The authorities should make a proper industrial waste management system.
10. **Dumping Ground:** A proper dumping ground should be built in a suitable place, so that all there is no open dumping of waste in the village, and all the collected waste is disposed there.

Data uploaded on UBA portal, available as Annexure V

Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan SURVEY REPORT OF BISRAKH

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Bisrakh village, Noida (near JIIT Sector-128) to find out the population, gender ratio, education level, basic amenities in the village etc.)
Name of Program/Event:	Survey
Organizing Agency:	UBA Cell, JIIT Noida
Organized at:	Bisrakh Village, NOIDA
Name of the Organizer:	UBA Cell, JIIT Noida
Level of Event: (National/International)	National
Program Start Date:	19/01/2019
Program End Date:	13/08/2019
Program Duration (in days):	6 days in the above-mentioned period. (Refer complete event detail)
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Bisrakh village
No. of internal faculties:	2
No. of internal students:	24
Total no. of internal participants:	24 students + 2 faculty members
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	105 villagers
Total no. of external participants:	105 villagers
Total no. of participants:	131
No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
Financial support provided by the Institute:	Nil
Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
Program Theme: Other; Survey of the households of the villages	
Complete details of the event: Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-IV	



**Latitude & Longitude
(village Bisrakh): 28.5681°
N, 77.4345° E**



**Latitude & Longitude
(village Bisrakh): 28.5681°
N, 77.4345° E**

Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

SURVEY REPORT OF BISRAKH

Total Houses Conducted for Survey = 102

Distance from JIIT = 15 kms

Survey Dates:

8. 19 January 2019
9. 27 January 2019
10. 29 January 2019
11. 09 March 2019
12. 13 July 2019
13. 14 July 2019
14. 13 August 2019

Purpose of the Visit:

1. 19/01/2019

A team of 10 student UBA Volunteers with UBA Coordinator performed a regressed survey of the village. Students performed the survey in groups of 2 or 3 to cover the entire village effectively. They conducted the household survey to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipments and loan distribution etc.

2. 27/01/2019 & 29/01/2019

A team of 8 student UBA Volunteers with UBA Coordinator took the survey forward. This time, the team of UBA Volunteers primarily focussed on analysing the ground zero problems mentioned by the villagers.

3. 09/03/2019

A team of 10 student UBA Volunteers with One UBA Coordinator interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the view point of the locals.

4. 13/07/2019 & 14/07/2019

A team of 8 student UBA Volunteers with four UBA Cell faculty members again gathered in the village to suggest the basic solutions they had thought of in the meantime. The topics they discussed about were open defecation, lack of basic amenities.

5. 13/08/2019

A team of 6 student UBA Volunteers with four UBA Cell faculty members visited the village. This time their motive of the visit, was to evaluate the possibilities of the implementation of the proposed ideas.

Observation by UBA Volunteers in the Bistrakh Village:

15. The gender ratio in a population of approx.400 villagers .
16. Dominant age group in the village is in the range 19-45 years comprising of 93 males and 79 females.
17. Most of the population has Aadhaar card issued and Bank Accounts.
18. Swachh Bharat Mission Toilet government scheme has benefited most of the locals.
19. Literacy rate among the males is good as compared to females.
20. Percentage of students enrolled in schools is good for both boys and girls.
21. Ratio of boys to girls having school education is 30:20.
22. Ratio of boys to girls having college education is 25:10.
23. Number of primary health centres are Three in Bistrakh Village.
24. Major Health Problems among Locals is Breathing Issue and Diabetes
25. Major Drinking Facility is available in the village by Piped water.
26. Every Household in Village has connectivity to Roads.
27. Entire Village is Housing Area with No Agricultural Activities.
28. The Majority of the Locals are either in Bussiness or Other Trade.

Key Problems:

12. Open and clogging drains: Almost all the drains in this area are either clogging or open. Thus waste, floods roads leaving them wet with sludge and solid waste
13. Hygiene: Since the roads are also covered in waste, especially liquid waste, they are breeding ground for mosquitoes and pathogens. Thus, making the place unhygienic.

14. Open Dumping ground: At the edge of the village, there is an open dumping ground. This is also a place where you will find a lot of kids playing and animals (cows etc.) feeding.
15. Narrow passages: Between two buildings are alleys which are also used by vehicles to commute. They are so narrow and in dark that they rarely get any sunlight and the opportunity to dry.
16. Lack of Street Lights: Another problem which we encountered was the lack of proper street lights as a result of which it gets very difficult to commute after daylight and safety was another major concern of the residents.
17. An open area to play: On the outskirts is an open area where you may find kids playing, but most of the time this place has cars parked by residential/industrial area.
18. Neighbouring industries: Budding manufacturing factories share boundary with the village and most of their waste is also dumped into the open dumping grounds.
19. Schools: primary, secondary and government schools are there in the village but they lack maintenance.
20. Infrastructure: Most houses are cemented; roads are full of potholes and accumulated water. Electricity is available at specific times and the village has no government owned gas stations and dispensaries.
21. There is also a government owned Ayurveda centre but it looks un-operated.
22. Some basic amenities are available to most residents. This includes food, shelter, shops etc.

Suggestions by Villagers:

11. Covered Drainage System: There should be a proper drainage system with proper sanitary measures.
12. Proper garbage Disposal System: The garbage should be regularly collected and recycled.
13. Government hospital constructions.
14. Government schools should provide students with proper furniture.
15. More classrooms should be built in government schools.
16. Students should be sponsored with proper textbooks and learning material.
17. Each locality must have dustbins set up and people should be made aware of them.
18. Clogging of drains and ditches should be cleaned weekly.
19. Safe drinking water should be provided.
20. Proper dumping grounds should be made.

Suggestions by UBA Cell Volunteers of IIIT Noida:-

1. WASTE MANAGEMENT SYSTEM

We can develop smart dustbins which are capable of sensing the percentage of filled, fire & smoke inside the dustbin. The same data can be sent to a server so that local authorities or municipalities can see the same and send the waste collecting vehicles to empty the dustbins when filled. These dustbins could be solar powered.

2. DRINKING WATER

We can develop stage water purification system in which the water would be passed through different stages of purification.

1st stage : activated charcoal

2nd stage : pebbles

3rd stage : micro particle filter

This can make the water upto 80% fit for drinking.

3. SOLAR POWERED STREET LIGHT SYSTEM

We have developed a smart solution under which we have:

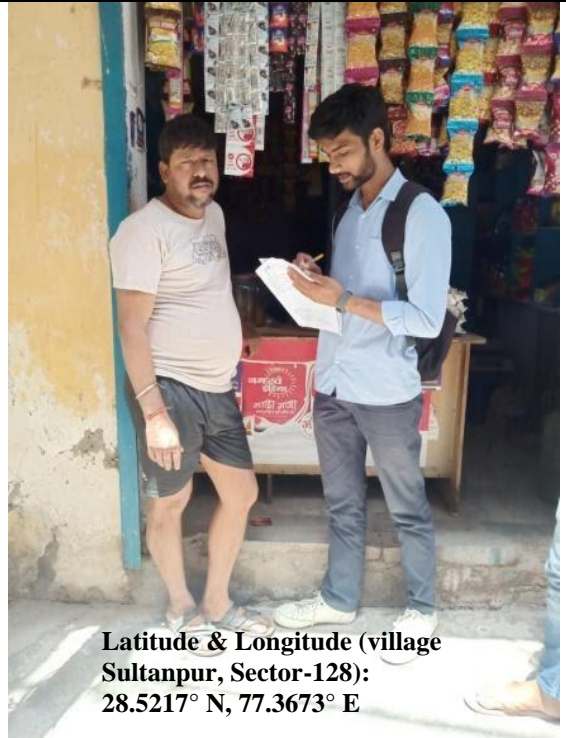
3. Solar power to light the street lights.
4. When there is no movement on street then the light will be off. So, this will help in saving the electricity also.

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Household Survey Report of village Sultanpur

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Sultanpur village, Noida (near JIIT Sector-128) to find out the population, gender ratio, education level, basic amenities in the village etc.)
Name of Program/Event:	Survey
Organizing Agency:	UBA Cell, JIIT Noida
Organized at:	Sultanpur Village, NOIDA
Name of the Organizer:	UBA Cell, JIIT Noida
Level of Event: (National/International)	National
Program Start Date:	22/02/2019
Program End Date:	15/07/2019
Program Duration (in days):	5 days in the above-mentioned period. (Refer complete event detail)
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Sultanpur village, near Sector-128, Noida
No. of internal faculties:	3
No. of internal students:	24
Total no. of internal participants:	24 students + 3 faculty members
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	105 villagers
Total no. of external participants:	105 villagers
Total no. of participants:	132
No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
Financial support provided by the Institute:	Nil
Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
Program Theme: Other; Survey of the households of the villages	
Complete details of the event: Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-III	



**Latitude & Longitude (village
Sultanpur, Sector-128):
28.5217° N, 77.3673° E**



**Latitude & Longitude (village
Sultanpur, Sector-128):
28.5217° N, 77.3673° E**

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA
UBA CELL
SURVEY REPORT OF SULTANPUR

Total Houses Conducted for Survey = 43

Distance from JIIT = 17 kms

Survey Dates:

6. 22/02/2019
7. 03/03/2019
8. 09/07/2019
9. 13/07/2019
10. 15/07/2019

Purpose of the Visit:

6. **22/02/2019**

A team of 10 students UBA volunteers with one UBA coordinator performed a regressed survey of the village. The total number of houses surveyed was 25. Students performed the survey of the village in groups of 2 to cover the entire village effectively. They conducted the household survey to collect socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipment and loan distribution.

7. **03/03/2019**

A team of 10 students UBA volunteers with UBA coordinator took the survey forward. The total number of houses surveyed were 18. This time, the team focused on analysing the ground problems mentioned by the villagers.

8. **09/07/2019**

A team of 9 students UBA volunteers with three UBA cell faculty members had an interaction with the villagers and noted down their ideas, complaints, suggestions towards the growth of the village. The basic viewpoint of the survey was explained to the villagers.

9. **13/07/2019**

A team of 9 students UBA volunteers with three UBA cell faculty members again gathered information regarding the hospitals, schools and police stations existing in the village.

10. **15/07/2019**

A team of 9 students UBA volunteers with four UBA Cell Faculty members visited the village. This time the motive was to evaluate the possibilities of the implementation of the proposed ideas and see if the mentioned ideas could fit in the budget.

Observation by UBA Volunteers in the Sultanpur Village:

12. The gender ratio in a population was approx. 219 villagers is 973 females per 1000 males.
13. Dominant age group in the village is in the range 6 to 45 yrs comprising males and females.
14. Most of the population has Aadhar cards and bank accounts.
15. Swachh Bharat mission Toilet government scheme has benefitted most of the villagers.
16. Most of the women were intermediate graduates and had sound knowledge of computers.
17. The schools, veterinary care centre and community centres were highly maintained.
18. The roads and public washrooms were properly built.
19. The ratio of Boys to Girls having school education was almost equivalent 19:18.
20. More than half of the households didn't have access to a proper waste collection system.

21. The area was Electricity deficit.
22. People were least aware about the government launched schemes and yojnas.

Key Problems:

9. Sanitation: The dumping ground were filled with cow dung sludge which activated and propelled the breeding of mosquitoes.
10. Infrastructure: The roads and buildings were not properly built nor were they properly shaped.
11. Parks and playing grounds: No sporting activities could be done due to the lack of availability of grounds.
12. Schools: Number of schools were less to fit the population of children of the village.
13. Health camps: No camps were organized by the government since years.
14. Electricity wires: The wires were cut loose and were entangled in a web which could be dangerous.
15. Street lamps: There were not enough street lamps present in the whole village.
16. Bus Stops: No nearby bus stops were available in the vicinity.

Suggestions by Villagers:

1. Proper implementation of all the yojana and policies.
2. Creating proper bins for waste collection.
9. Fixing and cleaning of the open drainage canals.
10. Continuous electricity supply to carry forward sufficient household activities.
11. Each student should be given textbooks and learning kits.
12. More number of schools should be constructed.
13. Safe and potable drinking water must be provided.
14. Proper availability of bus stops must be given.

Suggestions by UBA JIIT Noida Volunteers:

4. Smart Dustbins: the smart dustbin is carefully designed solution that solves the social issue of waste disposal. The smart dustbin identifies the kind of material being thrown inside and segregates it into bio or non-biodegradable. The dustbin also comes with options to provide wi-fi as an incentive of throwing garbage.
 5. Solar Street lights: Solar street lights are raised light sources which are powered by solar panels generally mounted on the lighting structure or integrated into the pole itself. The solar panels charge a rechargeable battery, which powers the fluorescent or LED lamp during the night.
 6. Water purified by administration.
-

Jaypee Institute of Information Technology, Noida

Unnat Bharat Abhiyan

SURVEY REPORT OF BISHANPURA

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, JIIT Noida
Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Bishanpura village, Noida to find out the population, gender ratio, education level, basic amenities in the village etc.)
Name of Program/Event:	Survey
Organizing Agency:	UBA Cell, JIIT Noida
Organized at:	Bishanpura Village, NOIDA
Name of the Organizer:	UBA Cell, JIIT Noida
Level of Event: (National/International)	National
Program Start Date:	28/01/2019
Program End Date:	12/07/2019
Program Duration (in days):	8 days in the above mentioned period. (Refer complete event detail)
Program Conducted: (Within Campus or Outside Campus)	Bishanpura village, Noida
No. of internal faculties:	3
No. of internal students:	43
Total no. of internal participants:	43 students + 3 faculty members
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	100 villagers
Total no. of external participants:	100 villagers
Total no. of participants:	146
No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
Financial support provided by the Institute:	Nil
Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
Program Theme: Other; Survey of the households of the villages (fill the details from the given list)	
Complete details of the event: Separate sheet attached	



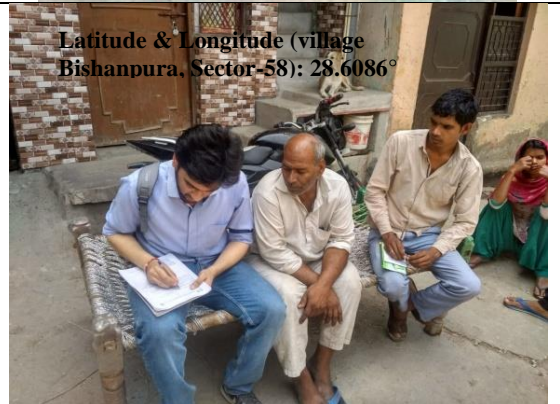
Latitude & Longitude (village
Bishanpura, Sector-58): 28.6086°



Latitude & Longitude (village
Bishanpura, Sector-58): 28.6086°



Latitude & Longitude (village
Bishanpura, Sector-58): 28.6086°



Latitude & Longitude (village
Bishanpura, Sector-58): 28.6086°

Jaypee Institute of Information Technology Noida

Unnat Bharat Abhiyan

SURVEY REPORT OF BISHANPURA

Total Houses Conducted for Survey = 98

Distance from IIIT = 4.5 kms

Date of Surveys

9. 28/01/2019
10. 08/03/2019
11. 09/03/2019
12. 16/03/2019
13. 07/07/2019
14. 08/07/2019
15. 10/07/2019
16. 12/07/2019

Purpose of the Visit:

1. 14/01/2019: A village survey was conducted by the team of UBA volunteers with the UBA coordinator, where village infrastructure, basic amenities, village connectivity, land, forest and horticultural profile, and common village electricity requirements were examined and evaluated.
2. 28/01/2019: The first set of household survey was conducted by the UBA volunteers in a team of 2-3 volunteers, in the presence of the UBA coordinator. They conducted household surveys to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipment and loan distribution.
3. 08/03/2019 & 09/03/2019: The team of UBA volunteers took the survey forward. This time, they primarily focused on analyzing the ground zero problems mentioned by the villagers. Major problems found were open dumping of waste, uncovered and overflowing drainage systems, and pollution of air by the factories.
4. 16/03/2019: The volunteers interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the viewpoint of the locals.
5. 07/07/2019 & 08/07/2019: After identifying and analyzing the problems, the volunteers gathered again in the village, to suggest and discuss the basic solutions they formulated by analyzing the problems. Some of the suggestions included, installation of smart dustbins, and solar powered street lights.
6. 10/07/2019 & 12/07/2019: The motive of the visit this time was to evaluate the possibilities of the implementation of the proposed ideas.

General Observations:

The electricity supply in the village is good as each household receives more than 20 hours of supply. There is an absence of a hospital in the village, but there are many clinics in the area. The houses in this village have been assigned proper house and block numbers. There are many boys PGs inside the village. There are 3 temples and 3 parks inside the village.

1. The gender ratio in a population of approx 345 is 917 females per 1000 males.
2. Dominant age group in the village is in the range 19-45 years comprising of 89 males and 84 females.
3. 100% of the total population has an Aadhar card issued.
4. 78.23% of the population has bank accounts.
5. PM Jan Dhan Yojana is the government scheme that has benefited most of the locals.
6. Literacy rate among the males is 81.67% and among females is 69.09% making the total literacy rate to be 75.65%.
7. Percentage of male students enrolled in schools is 82.22% and female student enrolled is 90%.
8. Ratio of boys to girls having school education is 34:27.
9. Ratio of boys to girls having college education is 20:8.
10. Number of primary health centres per thousand population is 8.7
11. Major drinking facility is available in the village by piped water.
12. Most of the households in the village have connectivity to toilets.
13. Entire village is housing area with no agricultural activities
14. Majority of the locals here are unskilled wage workers.

Problems Identified in the village:

1. Waste management: There is a lot of open dumping of waste at various areas of the village. The authorities and civic bodies do not take responsibility for waste collection and management. Improper waste disposal is a major issue in this village.
2. Roads: The roads in the village have an average condition as some are well maintained and some are filled with potholes or are under construction.
3. Drainage: The drains in the village are not covered, and release foul smell. In many regions the drains are choked or overflowing.
4. Pollution: There are a lot of factories in the vicinity of the village, which release a lot of harmful chemicals into the air and water of the village. Also there is burning of waste in the village, which pollutes the air.
5. Unemployment: Many people in this village don't have proper jobs. Most of them are laborers in the nearby factories.
6. Water: The water supply in the village is not good. The groundwater is also not clean as it is polluted by the industries surrounding the village.
7. Street Light: The street lighting in the village is either not installed or not in a working condition. The electricity wires in the area are also not properly done.

8. Other: The network coverage in the area is not good. There is not enough public transport available near the village. Senior Citizens do not get enough pensions from the government.

Suggestions by Villagers:

1. Waste segregation: Waste should be segregated at the homes itself. So that the collection of waste becomes easier and efficient.
2. Disposal of Waste: Instead of burning the waste, it should be used to make compost.
3. Water: Ganga water should be supplied in the village.
4. Pollution: The waste released by the industries into the air and water should be regulated.
5. Population control: There should be a control over the population influx in the village, as a lot of people are coming into the village, which thereby decrease the job opportunities for the locals living in the village.

Suggestions by UBA Members

1. Waste Disposal: Red and Blue Dustbins should be installed in the village, so that the dry and wet waste can be segregated and disposed properly. There should be a regular collection of waste from these dustbins by the Noida Authority. Also people should be made aware about the importance of segregation of waste.
 2. Solar powered street lamps: Instead of the regular street lights, solar powered street lights should be installed in the village, so that the power consumption is low, and there is enough lighting in the village at night.
 3. Drainage: The drains in the village should all be properly covered. And no solid waste should be allowed to be disposed in the drains to avoid choking and overflowing. There should also be regular cleaning of the drains by the authorities.
 4. Water: Clean fresh water should be supplied in the village. Industries should not be allowed to release chemicals into the groundwater. The authorities should make a proper industrial waste management system.
 5. Dumping Ground: A proper dumping ground should be built in a suitable place, so that all there is no open dumping of waste in the village, and all the collected waste is disposed there.
-

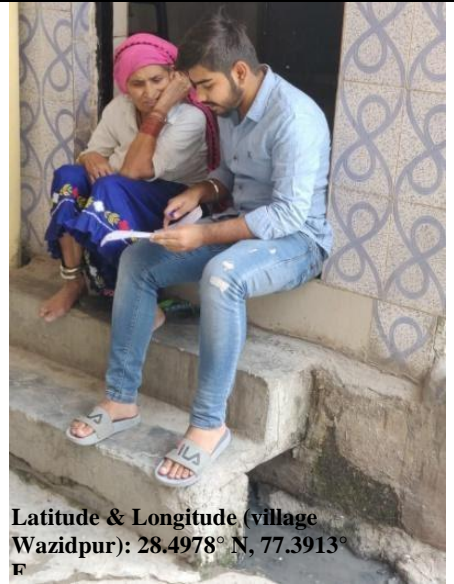
Data uploaded on UBA portal, available as Annexure-II

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Survey Report to village Wazidpur

Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
Program Type: (fill the details from the given list)	Other Related Programs (Survey organized in Wazidpur village, Noida to find out the population, gender ratio, education level, basic amenities in the village etc.)
Name of Program/Event:	Survey
Organizing Agency:	UBA Cell, IIIT Noida
Organized at:	Wazidpura Village, NOIDA Sector-63
Name of the Organizer:	UBA Cell, IIIT Noida
Level of Event: (National/International)	National
Program Start Date:	19/01/2019
Program End Date:	13/08/2019
Program Duration (in days):	6 days in the above mentioned period. (Refer complete event detail)
Program Conducted: (Within Campus or Outside Campus)	Outside campus; Wazidpur village, Sector-63, Noida
No. of internal faculties:	3
No. of internal students:	43
Total no. of internal participants:	43 students + 3 faculty members
No. of external participants: (Students/ Industry/ Any Other: Mention the details)	250 villagers
Total no. of external participants:	250 villagers
Total no. of participants:	296
No. of students won the prizes (if any then provide the details in summary sheet)	Not applicable
Financial support provided by the Institute:	Nil
Financial support provided by Govt. Agency:(Provide the name of the agency)	Nil
Financial support provided by other than Govt. Agency:(Provide the name of the agency)	Nil
Total expenditure incurred: (Verify the financial details with finance department)	Not applicable
Program Theme:	Other; Survey of the households of the villages
Complete details of the event:	Separate sheet attached. Data uploaded on UBA portal, enclosed as Annexure-I



Latitude & Longitude (village
Wazidpur): 28.4978° N, 77.3913°
F



Latitude & Longitude (village
Wazidpur): 28.4978° N, 77.3913°
F



Latitude & Longitude (village
Wazidpur): 28.4978° N, 77.3913°
F



Latitude & Longitude (village
Wazidpur): 28.4978° N, 77.3913°
F

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
SURVEY REPORT OF WAZIDPUR

Total Houses Conducted for Survey = 98

Distance from IIIT = 2.0 kms

Survey Dates:

1. 07/03/2019
2. 08/03/2019
3. 27/03/2019
4. 17/07/2019
5. 22/07/2019
6. 09/09/2019

Purpose of the Visit:

1. 07/03/2019

A team of 16 student UBA Volunteers with One UBA Coordinator performed a regressed survey of the village. The total number of houses surveyed that day was 78. Students performed the survey in groups of 2 or 3 to cover the entire village effectively. They conducted the household survey to collect the socio-economic status of the villagers, ownership pattern of the farmers, use of modern equipments and loan distribution etc.

2. 08/03/2019

A team of 11 student UBA Volunteers with One UBA Coordinator took the survey forward. This time, the team of UBA Volunteers primarily focussed on analysing the ground zero problems mentioned by the villagers.

3. 27/03/2019

A team of 10 student UBA Volunteers with One UBA Coordinator interacted with the villagers and sought for their suggestions on what should be implemented. Their basic motive was to understand the view point of the locals.

4. 17/07/2019 & 22/07/2019

A team of 11 student UBA Volunteers with four UBA Cell faculty members again gathered in the village to suggest the basic solutions they had thought of in the meantime. The topics they discussed about were open defecation, lack of basic amenities.

5. 09/09/2019

A team of 11 student UBA Volunteers with four UBA Cell faculty members visited the village. This time their motive of the visit, was to evaluate the possibilities of the implementation of the proposed ideas.

Observation by UBA Volunteers in the Wazidpur Village:

15. The gender ratio in a population of approx. 300 villagers is 724 females per 1000 males.
16. Dominant age group in the village is in the range 19-45 years comprising of 93 males and 79 females.
17. Most of the population has Aadhaar card issued and Bank Accounts.
18. Swachh Bharat Mission Toilet government scheme has benefited most of the locals.
19. Literacy rate among the males is good as compared to females.
20. Percentage of students enrolled in schools is good for both boys and girls.
21. Ratio of boys to girls having school education is 30:20.

22. Ratio of boys to girls having college education is 25:10.
23. Number of primary health centres are Three in Wazidpur Village.
24. Major Health Problems among Locals is Breathing Issue and Diabetes
25. Major Drinking Facility is available in the village by Piped water.
26. Every Household in Village has connectivity to Roads.
27. Entire Village is Housing Area with No Agricultural Activities.
28. The Majority of the Locals are either in Bussiness or Other Trade.

Key Problems:

11. Open and clogging drains: Almost all the drains in this area are either clogging or open. Thus waste, floods roads leaving them wet with sludge and solid waste
12. Hygiene: Since the roads are also covered in waste, especially liquid waste, they are breeding ground for mosquitoes and pathogens. Thus, making the place unhygienic.
13. Open Dumping ground: At the edge of the village, there is an open dumping ground. This is also a place where you will find a lot of kids playing and animals (cows etc.) feeding.
14. Narrow passages: Between two buildings are allies which are also used by vehicles to commute. They are so narrow and in dark that they rarely get any sunlight and the opportunity to dry.
15. An open area to play: On the outskirts is an open area where you may find kids playing, but most of the time this place has car parked by residential/industrial area.
16. Neighbouring industries: Budding manufacturing factories share boundary with the village and most of their waste is also dumped into the open dumping grounds.
17. Schools: primary, secondary and government schools are there in the village but they lack maintenance.
18. Infrastructure: Most houses are cemented; roads are full of potholes and accumulated water. Electricity is available at specific times and the village has no government owned gas stations and dispensaries.
19. There is also a government owned Ayurveda centre but it looks un-operated.
20. Some basic amenities are available to most residents. This includes food, shelter, shops etc.

Suggestions by Villagers:

11. Covered Drainage System: There should be a proper drainage system with proper sanitary measures.
12. Proper garbage Disposal System: The garbage should be regularly collected and recycled.
13. Government hospital constructions.
14. Government schools should provide students with proper furniture.
15. More classrooms should be built in government schools.
16. Students should be sponsored with proper textbooks and learning material.
17. Each locality must have dustbins set up and people should be made aware of them.
18. Clogging of drains and ditches should be cleaned weekly.
19. Safe drinking water should be provided.
20. Proper dumping grounds should be made.

Suggestions by UBA Cell Volunteers of IIIT Noida-:

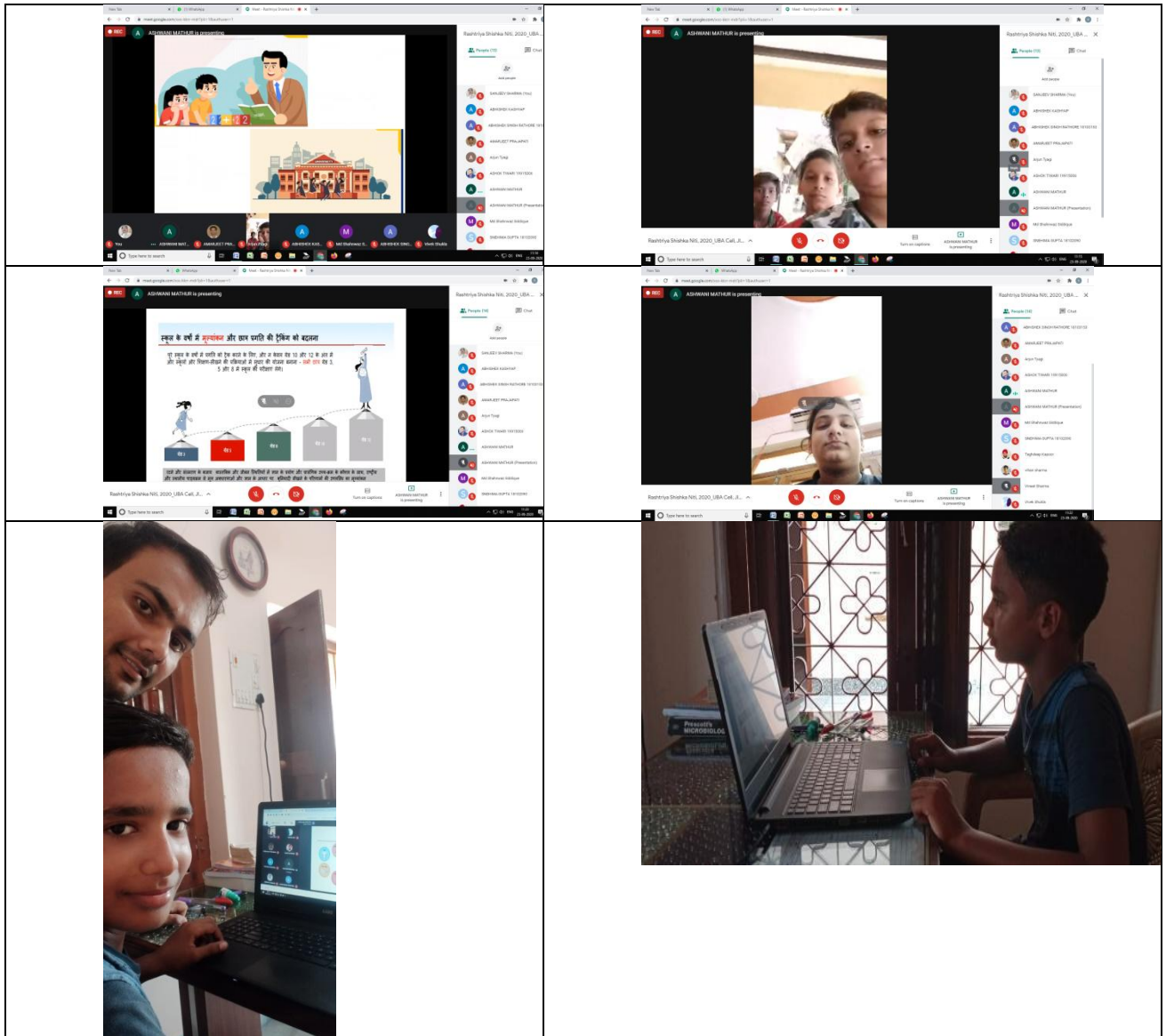
4. Smart Dustbins: The **smart dustbin** is a carefully designed solution that solves the social issue of waste disposal, the **smart dustbin** identifies the kind of material being thrown inside it and segregates it into bio or non-biodegradable. The **dustbin** also comes with an option to provide WIFI as an incentive of throwing garbage.

5. Solar street lights :**Solar street lights** are raised light sources which are powered by solar panels generally mounted on the lighting structure or integrated into the pole itself. The solar panels charge a rechargeable battery, which powers a fluorescent or LED lamp during the night.
 6. Water purified by administration
-

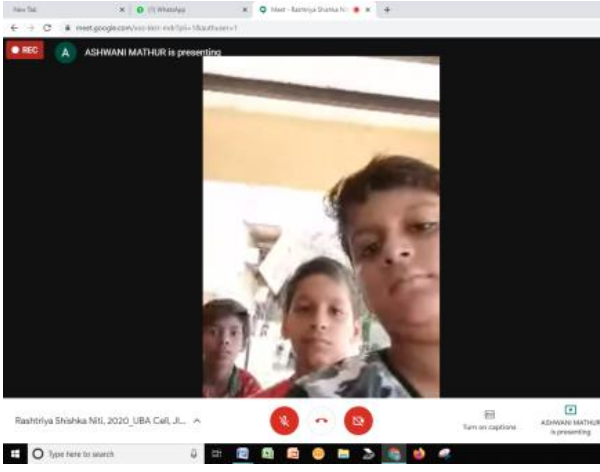

Jaypee Institute of Information Technology Noida
Unnat Bharat Abhiyan
Online Webinar on National Education Policy 2020

1.	Awareness/Training/Programmes organized by the Department/ External Agencies:	UBA Cell, IIIT Noida
2.	Program Type: (fill the details from the given list)	Awareness/Motivational Program
3.	Name of Program/Event:	Online Webinar on National Education Policy 2020
4.	Organizing Agency:	Jaypee Institute of Information Technology (IIIT) Noida
5.	Organized at:	Online mode
6.	Name of the Organizer:	UBA Cell, IIIT Noida
7.	Level of Event: (National/International)	National
8.	Program Start Date:	23/09/2020
9.	Program End Date:	23/09/2020
10.	Program Duration (in days):	1 day
11.	Program Conducted: (Within Campus or Outside Campus)	Online
12.	No. of internal faculties:	2
13.	No. of internal students:	10
14.	Total no. of internal participants:	12
15.	No. of external participants: (Students/ Industry/ Any Other: Mention the details)	Villagers = 95
16.	Total no. of external participants:	95
17.	Total no. of participants:	107
18.	No. of students won the prizes (if any then provide the details in summary sheet)	NA
18.	Financial support provided by the Institute:	NA
19.	Financial support provided by Govt. Agency:(Provide the name of the agency)	NA
20.	Financial support provided by other than Govt. Agency:(Provide the name of the agency)	NA
21.	Total expenditure incurred: (Verify the financial details with finance department)	NA
22.	Program Theme: Other; Online Webinar on National Education Policy 2020	

23.	<p>Complete details of the event: The National Education Policy 2020 was proposed to improve the standard of education and learning outcomes for the children of the villages. The session was organized in Hindi (being the native language of villages) for ease of participating parents and students. Event witnessed high enthusiasm among school students from the five adopted villages by UBA cell, JIIT Noida</p>
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<p>Name of the UBA Institution</p>	<p>Jaypee Institute of Information Technology, Noida</p>
<p>AISHE Code</p>	<p>U 0522</p>
<p>Number of Events/Meetings organized to disseminate information on NEP 2020 with details description not more than 20 words per event</p>	<p>02: We organized two events for sensitization of the students of adopted villages and our UBA volunteers on September 23, 2020 at 11 AM and 5 PM..</p>
<p>Image/ Screenshot 1</p> 	<p>Image/ Screenshot 2</p> 
<p>Description of the image (Not more than 15 words): Students of Sultanpur village attend the program “National Educational Policy 2020” organized by UBA Cell, Jaypee Institute of Information Technology Noida</p>	<p>Description of the image (Not more than 15 words) Students of Khairpur village attend the program “National Educational Policy 2020” organized by UBA Cell, Jaypee Institute of Information Technology Noida</p>
<p>Number of People sensitized</p>	<p>Circulated the Whatsapp Message also to adopted village group.</p>
<p>Name of adopted villages</p>	<ol style="list-style-type: none"> 1. Wazidpur 2. Bishanpura 3. Khairpur 4. Sultanpur 5. Bisrakh