



# JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

P.O. Wagnaghat, Teh. Kandaghat, Distt. Solan - 173234 (H.P.) INDIA

Website : www.juit.ac.in

Phone No. +91-01792-257999 (30 Lines).

Fax: +91-01792-245362

Dated: 16/04/2018

## Recommendation letter from head of Institution

Ministry of Human Resources Development (MHRD), Government of India has launched the program of Unnat Bharat Abhiyan (UBA), a National Program with the vision to involve professional and other higher educational institutions of the country in the development process of Gram Panchayats so as to enable village cluster to achieve sustainable development and better quality of life

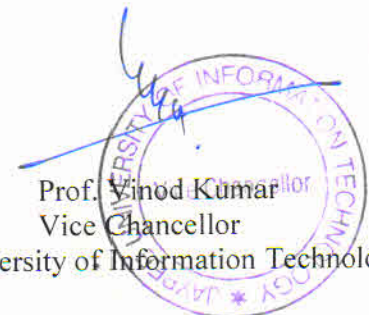
Indian Institute of Technology, Hauz Khas, New Delhi 110016 has been designated to be the National Coordinating Institute (CI) by Ministry of Human Resource Development (MHRD) for Unnat Bharat Abhiyan (UBA) and represented by National Coordinator, UBA at IITD.

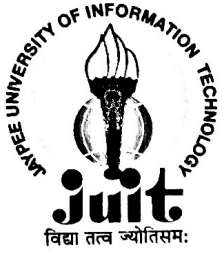
Jaypee University of Information Technology located at Wagnaghat, Solan, Himachal Pradesh, India (hereinafter referred to as JUIT) represented through Dr. Gopal Singh Bisht who has been duly authorized in this regard to carry on the activities of UBA in our organization and we hereby agreed to participate in UBA as a Participating Institute (PI).

### Name and contact details of UBA coordinator:

Centre for Rural Development & Technology  
IIT Delhi,  
National Coordinator UBA

Prof. Vinod Kumar  
Vice Chancellor  
Jaypee University of Information Technology





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JUIT/WKG/REG/2017-18/547

April 18, 2018

The D C  
Solan District,  
Solan (H.P.)

## UNNAT BHARAT ABHIYAN (UBA) – MHRD DIRECTIVE

Dear Sir,

1. Kindly refer to MHRD directive on UBA issued vide their letter File No. 5-1/2016-UBA dated 20 February 2018.
2. It is brought to your kind notice that JUIT Wagnaghat has been shortlisted as one amongst the Technical Universities for implementing UBA in the villages in proximity to the University.
3. The JUIT has planned to adopt the undermentioned villages of Block Kandaghat, District Solan for UBA activities:-
  - a) Vakna
  - b) Rachhana
  - c) Bisha
  - d) Chawsha
  - e) Dumehar
4. This is for your kind information please.

Yours faithfully,

**Maj Gen Rakesh Bassi, SM (Retd)**  
**Registrar & Dean of Students**

- c.c.;
1. SDM Kandaghat
  2. Dr. Gopal Singh Bisht, Associate Professor, JUIT Coordinator for UBA.

## PROGRESS REPORT UBA

### JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Jaypee University of Information Technology as a participating Institute for UBA 2.0 adopted five villages namely **Wakana, Chawsha, Dumehar, Richhana and Bisa**. Our institute participated in following activities organized at various villages. Villagers have been made aware of Unnat Bharat Abhiyan and its importance in rural development.

Major Components of Unnat Bharat Abhiyan	
S.No	Areas
1	Sustainable Agriculture
2	Water resource management
3	Renewable energy
4	Rural Industrialization: Artisans, Industries and livelihood
5	Infrastructure development
6	Basic amenities

Ten Areas of Interventions	
S.No	Areas
1	Rural Intervention
2	Drinking water
3	Water pollution check
4	Water resource management
5	Soil health management
6	Agriculture
7	Forestry and herbal products
8	Rural housing
9	Renewable energy
10	ICT application for sustainable development

S.no.	Name of the village	Date	Activities Performed Activities
1	Wakna	21/07/2018	Approx. 40 students have visited this village and done door to door household survey. Household survey forms were filled up by the villagers and major problems were identified
	Chawsha	24/07/2018	
	Dumehar	27/07/2018	
	Bisa	28/07/2018	
	Richana	30/07/2018	
2	Chawsha	04/08/2018	We have visited this village at gram panchayat ( Chawsha and Dumehar). A demonstration on floater Bio gas was given to villagers.



- Some issues related to water portability were also discussed
- 3 Chawsha 15/08/2018 As per instruction from UBA National Coordinating Institute, A Gram Sabha was organized on Independence day. Details are given below

Salient points discussed in Chawsha Gram Sabha and Village development plan

Villagers candidly discussed problems faced by them in their day to day life. The major problems and their probable technical solutions are tabulated below.

<b>S.No</b>	<b>Problem Identified</b>	<b>Technical solution (VDP)</b>
1	Most of the villagers have their own cattle. Disposing off the cow dung's is a major problem for them.	This problem can be rectified by installing a low cost floater bio gas plant which will digest the cow dung and produce methane gas. We will help them in installing it at convenient place at community level or at individual house hold level.
2	There is lack of computer and English proficiency among villagers especially among women	University may donate used computer to mahila mandal and proper training may be provided to them by faculty and students.
3	Quality of Portable water is not appropriate as per villagers.	Water samples to be taken from various places of the villages and to be tested in University lab for its quality index.

4	During rainy seasons there are severe problems of soil erosion. This village is in the valley side of the hill as a result during rainy season and pressure head of water is very high. Due to movement of water the soil gets eroded and it finally reaches the farmers cultivable land.	To check this problem, it is advisable to construct check dam so that velocity of water can be reduced.
5	There is unavailability of Doctors in and around villages	This issues will be intimated to local administration and we will planned to organize a health camp in the village

	
<p><b>Dr. Gopal Singh Bisht</b> Associate Professor Department of Biotechnology And Bioinformatics UBA Coordinator Jaypee University of Information Technology, Wagnaghat</p>	<p><b>Dr. Saurav</b> Assistant professor Department of Civil Engineering UBA Co-Cordinator Jaypee University of Information Technology, Wagnaghat</p>



**Gram panchayat Dumehar and Chawasha village**



**Interaction of students with villagers**



Household survey done by students in Wakna Village on 21/07/2018






**Students Interacting with Villagers in Bishwa**

## जेपी विवि के छात्रों ने किया छावशा गांव का दौरा

सोलन—जेपी विवि वाकनाघाट के संकाय सदस्यों, रिसर्च स्कॉलर्स व छात्रों ने उन्नत भारत अभियान के तहत छावशा गांव का दौरा किया। भारत सरकार के मानव संसाधन विकास मंत्रालय द्वारा चलाए गए इस अभियान के तहत संकाय सदस्यों व छात्रों ने गांव में पहुंचकर ग्राम पंचायत पदाधिकारियों व सदस्यों, बीडीसी सदस्य व ग्रामीणों से बातचीत की। इस दौरान गांवों में रोजमर्रा पेश आने वाली समस्याओं को जाना और उन्हें बायोगैस, सिविल इंजीनियरिंग व भाषा पर पकड़ आदि विषयों की जानकारी दी। इससे पूर्व गांव पहुंचने पर ग्रामीणों ने विवि की टीम का जोरदार स्वागत किया और बातचीत के दौरान उनसे पेश आ रही विभिन्न समस्याओं से अवगत कराया। टीम द्वारा दी गई जानकारियों पर ग्रामीणों ने खुशी जताई। टीम में शामिल छात्रों ने सभी आयु वर्ग से वार्तालाप कर अभियान के तहत दिए गए सर्वे को भी भरवाया। इस टीम में डा. गोपाल सिंह बिष्ट, डा. सौरव, डा. पपिया लाहिरी, प्रज्ञा गुप्ता व डा. निशांत सहित छात्र शामिल थे।

दिव्य हिमाचल दिव्य हिमाचल Thu, 26 July 2018   
epaper.divyahimachal.

Media Coverage of Village visit



**Gram Sabha organized in Chawsa Panchayat on Independence day**



**Research Scholar demonstrating the importance of Biogas to the villagers**

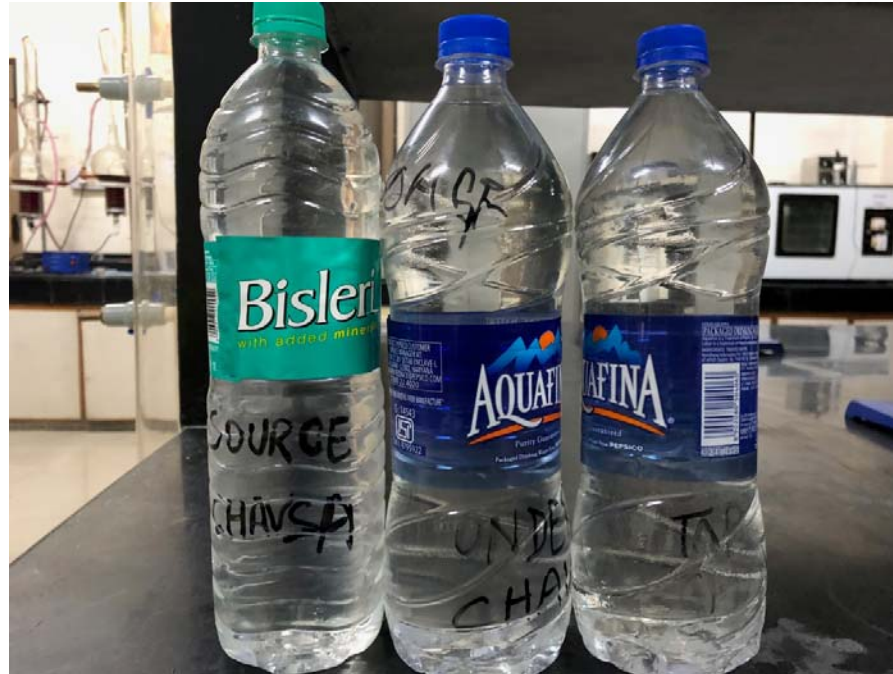


**Computer Literacy Programme run by JUIT students under UBA**



**Drug Abuse Rally performed by JUIT students at Chawasa Village under UBA**





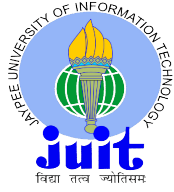
**Physio-chemical analysis of drinking water collected from different villages adopted under UBA**

Plastic is prevalent in our lives. While their environmental costs are burdensome for communities and the planet, the cost of plastic bags for retailers is pretty low. As plastic waste is now so ubiquitous in natural environment. As an initiative the prime minister of India Sri Narendra Modi launched "SWACHTA HI SEWA" 2019, a massive countrywide awareness campaign on swachta with a special focus on plastic waste awareness and management. In the "SWACHTA HI SEWA" campaign all the participating institutions under UBA (Unnat Bharat Abhiyan) drove a "Plastic Free Village" campaign in the nearby villages in order to achieve the goal of plastic waste free India. One of the participating institutions under UBA is JUIT located in Solan district of Himachal Pradesh. Students of JUIT recently visited a nearby village Richhana for the "plastic free village" drive under the "SWACHTA HI SEWA" campaign. The students went to the village with a focus of spreading awareness of plastic threat to human health and environment. The students used various placards and posters with an aim of explaining villagers how they can manage and dispose the plastic generated waste, how they can minimize the use of plastic in their day to day life and many more things. Students went to almost every house of that village and collected all kinds of possible plastic wastes in order to dispose them safely. Not only they discussed about plastic waste generation and management but they took a look into villagers' common problems such as transportation facility, gram panchayat ignorant, water scarcity etc. and assured



them of solution at their level. The campaign ended with a good note. Although Himachal Pradesh is plastic free but still the students tried their best to motivate the natives of that village to eliminate that use of plastic from their day to day life as much as possible.





# UNNAT BHARAT ABHYIAN



Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234

**Date:** October 2, 2019

## **Chawsa School and Village Visit to increase awareness and survey**

Unnat Bharat Abhiyan JUIT Waknaghat organized a door-to-door survey and no plastic campaign in the chawsa village on 2 October 2019. The team went to the chawsa government school and explained the bad effect of polythene to the student and rose aware for not using plastic. Also, the members visited houses of people and conduct a survey to check the total number of kaccha and pakka houses and the total number of family members in the house. Apart from the house structure, all problems regarding electricity, water supply, road conditions and discussed the different government scheme from which they are taking benefits. Further, all the problems were noted and forwarded to the higher authorities. With the enthusiasm of the members and the cooperation of the residents, this survey was a success.

## **चावसा गांव का दौरा**

उन्नत भारत अभियान JUIT वकनाघाट ने चौसा गांव में डोर-टू-डोर सर्वे व प्लास्टिक नहीं अभियान का आयोजन \_\_\_\_\_ को किया। टीम ने चावसा सरकारी स्कूल में जाकर छात्र को पोथीन के बुरे प्रभाव के बारे में बताया और प्लास्टिक का इस्तेमाल नहीं करने के लिए जागरूक किया. साथ ही सदस्यों ने लोगों के घरों का दौरा किया और कच्चे और पक्के घरों की कुल संख्या और घर में परिवार के सदस्यों की कुल संख्या की जांच के लिए एक सर्वेक्षण किया। घर के ढांचे के अलावा बिजली, पानी की आपूर्ति, सड़क की स्थिति से संबंधित सभी समस्याओं और विभिन्न सरकारी योजनाओं पर चर्चा की जिससे वे लाभ ले रहे हैं। इसके

अलावा, सभी समस्याओं को नोट किया गया और उच्च अधिकारियों को अग्रेषित किया गया। सदस्यों के उत्साह और निवासियों के सहयोग से यह सर्वेक्षण सफल रहा।

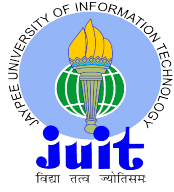


Dr. Gopal Singh Bisht  
Faculty Co-ordinator

Dr. Saurav  
Faculty Co-ordinator

Nishkarsh sharma  
Student Co-ordinator

Anushka Priya  
Student Co-ordinator



# UNNAT BHARAT ABHYIAN



Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234

**Date:** April 17, 2022

## Cleanliness and Waste Management Awareness Campaign

Unnat Bharat Abhiyan (UBA) JUIT Waknaghat organized a village survey in Richhana, regarding waste management in households on 17th April 2022. The UBA team started their journey at 10:00 AM after being counseled by our faculty coordinators. The team surveyed seven available houses out of twelve and discussed waste management with the villagers. The survey focused on certain points that as the types of waste available at houses, collections of waste materials, dumping places of waste, availability of cleaners, and distances to travel for dumping waste. The team imparted their knowledge about different kinds of biodegradable and non-biodegradable waste and its segregation before dumping. They found that the villagers had some common problems such as the non-availability of cleaners in the village and the long distances that they had to travel for dumping waste. The villagers usually burnt the waste produced in their household for which the UBA team discussed the alternate ways to tackle that problem. Apart from that the team also discussed the medical facilities and their availability in the village. They found that villagers had to travel to nearby villages for basic medical facilities. After observing and noting down all the problems the survey ended at 12:00 PM. In the end, it was a very successful and memorable event.

## स्वच्छता जागरूकता अभियान

उन्नत भारत अभियान (यूबीए) जेयूआईटी वकनाघाट ने 17 अप्रैल 2022 को घरों में अपशिष्ट प्रबंधन के संबंध में रिछाना में एक ग्राम सर्वेक्षण का आयोजन किया। यूबीए टीम ने अपने संकाय समन्वयकों द्वारा परामर्श के बाद 10:00 बजे अपनी यात्रा शुरू की। टीम ने बारह में से सात उपलब्ध घरों का सर्वेक्षण किया और ग्रामीणों के साथ कचरा प्रबंधन पर चर्चा की। सर्वेक्षण में कुछ बिंदुओं पर ध्यान केंद्रित किया गया है कि घरों में उपलब्ध कचरे के प्रकार, अपशिष्ट पदार्थों का संग्रह, कचरे के डंपिंग स्थान, क्लीनर की उपलब्धता, और डंपिंग कचरे के लिए यात्रा करने के लिए दूरी। टीम ने डंपिंग से पहले विभिन्न प्रकार के बायोडिग्रेडेबल और गैर-बायोडिग्रेडेबल कचरे और इसके पृथक्करण के बारे में अपना ज्ञान प्रदान किया। उन्होंने पाया कि ग्रामीणों को कुछ सामान्य समस्याएं थीं जैसे कि गांव में सफाईकर्मियों की अनुपलब्धता और लंबी दूरी तय करने के लिए उन्हें कचरा डंप करने के लिए जाना पड़ता था। ग्रामीणों ने आमतौर पर अपने घर में पैदा होने वाले कचरे को जला दिया, जिसके लिए यूबीए टीम ने उस समस्या से निपटने के वैकल्पिक तरीकों पर चर्चा की। इसके अलावा टीम ने गांव में चिकित्सा सुविधाओं और उनकी उपलब्धता पर भी चर्चा की। उन्होंने पाया कि ग्रामीणों को बुनियादी चिकित्सा सुविधाओं के लिए आस-पास के गांवों की यात्रा करनी पड़ती थी। सभी समस्याओं को देखने और नोट करने के बाद दोपहर 12:00 बजे सर्वेक्षण समाप्त हुआ। अंत में, यह एक बहुत ही सफल और यादगार घटना थी।



Dr. Gopal Singh Bisht

Faculty Co-ordinator

Dr. Saurav

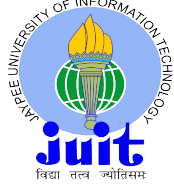
Faculty Co-ordinator

Nishkarsh sharma

Student Co-ordinator

Anushka Priya

Student Co-ordinator



# UNNAT BHARAT ABHYIAN



Jaypee University of Information Technology Wanknaghat, Solan, Himachal Pradesh 173234

Date: April 17, 2022

## AIDS Awareness Campaign

Unnat Bharat Abhiyan JUIT Wanknaghat organized an AIDS Awareness Campaign on 17 April 2022. In the starting of the campaign a rally was organized from lower Wanknaghat to the main market of Wanknaghat by the members of UBA along with the NCC members of JUIT. Different slogans were raised regarding the HIV prevention. The team also approached local people of Wanknaghat and talked to them regarding AIDS and how to prevent it. Then all the members went to the gram panchayat Wanknaghat where we meet with the Gram Pradhan and talk with him regarding this Awareness program. And with the enthusiasm of the members and the cooperation of the people this Awareness program was a success.

## एड्स जागरूकता अभियान

उन्नत भारत अभियान जेयूआईटी वकनाघाट ने 17 अप्रैल 2022 को एड्स जागरूकता अभियान का आयोजन किया। अभियान की शुरुआत में यूबीए के सदस्यों द्वारा जेयूआईटी के एनसीसी सदस्यों के साथ निचले वाकनाघाट से वकनाघाट के मुख्य बाजार तक एक रैली का आयोजन किया गया। एचआईवी की रोकथाम को लेकर तरह-तरह के नारे लगाए गए। टीम ने वकनाघाट के स्थानीय लोगों से भी संपर्क किया और उनसे एड्स और इससे बचाव के बारे में बात की। फिर सभी सदस्य ग्राम पंचायत वकनाघाट गए जहां हम ग्राम प्रधान से मिलते हैं और उनसे इस जागरूकता कार्यक्रम के बारे में बात करते हैं। और सदस्यों के उत्साह और लोगों के सहयोग से यह जागरूकता कार्यक्रम सफल रहा।



Interaction with people in Dumehar Panchayat office

Dr. Gopal Singh Bisht  
Faculty Co-ordinator

Dr. Saurav  
Faculty Co-ordinator

Nishkarsh sharma  
Student Co-ordinator

Anushka Priya  
Student Co-ordinator

Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234

**Date: 1 May, 2022**

## **Participation in Gram Sabha under Chawasa and Dumehar Panchayat**

Under the Unnat Bharat Abhiyan (UBA) program students of Jaypee University of Information Technology (JUIT) Waknaghat, Solan, participated in Chawsha village Gramsabha on 1st of May. The students were provided with college bus for transportation. They reached chawsha village around 1:30 P.M. in the afternoon and gathered at the Gram Panchat office where they joined other local villagers for gram Sabha. During this visit 10 students along with their faculty coordinators Dr. Gopal Singh Bisht and Dr. Saurav attended the Gram Sabha. The key point of the day's discussion were issues related to Below Poverty Line Subsidy (BPL). The discussion was held to identify which individuals have not received benefits from the BPL schemes and also to distinguish who actually belonged to the BPL category. The faculty coordinator of UBA addressed the Gram Sabha regarding Water Conservation Awareness and further issues related to organic farming. The villagers showed great participation in this event and thus the visit was successful.





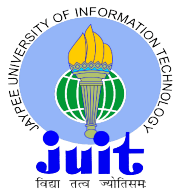


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Student Co-ordinator



# UNNAT BHARAT ABHYIAN



Jaypee University of Information Technology Waknaghat, Solan,  
Himachal Pradesh 173234

**Date: 27-05-2022**

## **Richanna Visit to interact with villager about water issues**

Unnat Bharat Abhiyan (UBA-JUIT) went to Richanna Village for visit. This visit is done under the guidance of faculty coordinators of Dr. Gopal Singh Bisht & Dr. Saurav and active role was played by student coordinator Nishkarsh Sharma along with 3 other volunteer members. The team addressed the issues faced by the local villagers. It was found that right now the main issue for the villages was "Water". Water samples were collected for testing with an aim to provide solutions in the upcoming visit. After interaction with the villages the visit was concluded.





Student Co-ordinator: Nishkarsh Sharma

Faculty Coordinator : Dr. Gopal Singh Bisht

Faculty Co-ordinator: Dr. Saurav

*As a part of World Environment Day celebrations, JUIT organized a joint cleanliness Drive by NCC and UBA (Unnat Bharat Abhiyan) Team on 05/06/2022*

**Before**



**After**



*Some  
Moments of  
Cleanliness  
Drive 2022*

