



UNNAT BHARAT ABHIYAN

Connects University With Local Community



Guru Ghasidas Vishwavidyalaya

(A Central University)

Bilaspur (Chhattisgarh), 495009, INDIA

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Unnat Bharat Abhiyan

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OUR INSPIRATION



Saint Guru Ghasidas



Gada



Sika & Bahinga



Baithki



Bail Gadi



Dheki



Chalani



Chulha



Nagar

Traditional Articles of UBA Adopted Villages



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MESSAGE FROM THE VICE CHANCELLOR

I am delighted to inform you that Guru Ghasidas Vishwavidyalaya (Central University) Bilaspur, Chhattisgarh is publishing its first report on Unnat Bharat Abhiyan. It is a programme of Ministry of Human Resource Development, Department of Higher Education, GOI to uplift rural India through the involvement of higher Education Institutions. Under this programme, the University has adopted 04 Gram Panchayats namely Pudu, Rigwar, Tendubhatha, Umariyadadar and its 05 other dependent villages of Kota block, Bilaspur district.

In order to fulfill its objective, the University has appointed one Nodal Officer and four other members who regularly visit on every Friday these adopted villages, interact with villagers, identify their problems and convey to the district authorities for there solutions. The report aptly speaks about the initiatives undertaken by the University UBA team and there impact on rural development.

Further, the UBA cell has involved other departments viz. Anthropology, Education, Rural Technology, NSS units etc. for encouraging and motivating people of adopted villages. Students and Ph.D. scholars of the University are also encouraged to participate in community centric activities. The team is performing commendable job especially in the implementation of Swachchha Bharat Mission, Ujjwala Yojna, Ujala Yojna in all adopted villages. UBA team has established a strong linkage between district authorities and villagers and playing pivotal role in the effective implementation of the various Government programmes and infra - structural development in these Gram Panchayats.

I congratulate Unnat Bharat Abhiyan team and its efforts towards rural and community development.

(Prof. Anjila Gupta)



GGV AT A GLANCE

Guru Ghasidas Vishwavidyalaya established as State University in 1983, as a residential University. Named after Guru Ghasidas, a seventeenth century Satnami saint, the University was upgraded as a Central University under the Central University Act, 2009 during the XI Five Year Plan. Guru Ghasidas Vishwavidyalaya is located on the outskirts of the city of Bilaspur, Chhattisgarh. The University campus is spread over 656 acres of land. Nature has bestowed the campus with unmatched beauty, immaculate blend of green areas and water bodies.

Motivated by the thought and teaching of Guru Ghasidas University is committed to social empowerment, particularly of the weaker sections of the society, with the help of quality higher education and training. Focus of the University is on offering innovative academic programmes in emerging interdisciplinary areas of Science, Social Science and Humanities so as to contribute to the growth of the knowledge base of the University in particular and academia in general. The University aims to provide value based holistic education lead in to the growth and development of human resources better equipped to serve the mankind.

The University offers opportunities to young minds and facilitates the accomplishment of their creative talent with emphasis on character building through various streams of knowledge. The University comprises of 32 University Teaching Departments. It offers number of undergraduate, postgraduate and Ph. D. programmes, besides diploma and postgraduate diploma courses. Presently more than 7000 students in the teaching departments of the University are studying. University campus is safe, secure and is alcohol and tobacco free. The vibrant university campus, where students from diverse castes, creeds and classes come together from across country, provides an environment conducive for total development of students. The teaching departments have excellent state of art facilities for research besides Central Instrumentation Facilities.

To maximize student's potential, the University has arranged excellent support facilities including Central Library, Hostels, Cafeteria, Gymnasium, Sports ground, Health center, Banks, Wi-Fi connectivity, IUMS. The University has set up Inspired Teachers Club, Industry Interface Cell, Product Development Cell, Unnat Bharat Abhiyan Cell and NSS Cell.

The University is on the path of realizing twin goals of making higher education more relevant to the needs and opportunities of a knowledge society and to make higher education more accessible to the all sections of the society.

UNNAT BHARAT ABHIYAN (UBA)



Unnat Bharat Abhiyan is a Ministry of Human Resource Development, Government of India Programme to uplift rural India. This program is inspired by the vision of trans-formational change in rural development processes by leveraging knowledge institutions to help and build the architecture of an inclusive India.

Actually 68.9% of our population still lives in rural areas engaged in agriculture and allied sectors employing 51% of the total work force of India but accounting for only 17% of the Gross Domestic Product. It is well established that without rural development, India cannot optimally realize its growth potential and claim its place in the World.

Despite there being several past initiatives by governments at all levels – Central, State and local, the level of improvement has not kept pace with the rising aspirations of Indians. On most development parameters, there is still a significant gap between rural and urban India. In today's Knowledge Economy, it is not enough to mobilize financial resources. Professional and technical know-how, evolved through innovative experimentation and adapted to the social context is equally important. The implication is that rural development needs to be informed by a formal professional knowledge framework encompassing engineering, planning, management and application of social sciences as a holistic design approach. At the same time, such professional inputs need to be sensitive to the local context and community.

UBA IN GURU GHASIDAS VISHWAVIDYALAYA (GGV)



At the conference of the Vice Chancellors of Central Universities held on 4-5th February, 2015 at Rashtrapati Bhawan, New Delhi, it was resolved that every higher education institutes will adopt 5 villages for development as model villages. In order to comply by the gist of observation made by Hon'ble President in this conference as well as directions and guidelines received from the Ministry of Human Resource Development and University Grants Commission (Vide DO. No. F.13-13-2015(CU) dated 4 September, 2015), Vice Chancellor, Guru Ghasidas Vishwavidyalaya, Prof. Anjila Gupta took initiative first and appointed Dr. K.K Chandra, as Nodal Officer, Unnat Bharat Abhiyan Cell for identification and adoption of Gram Panchayats under Unnat Bharat Abhiyan for this Vishwavidyalaya.

Viswavidyalaya has adopted four Gram Panchayats namely Umariyadadar, Pudu, Rigwar and Tendubhatha under this programme. UBA team aware local communities on health, educations, hygiene etc. besides facilitating developmental works in these villages with the help of district authorities.

Objectives

- Holistic Development of cluster of adopted Gram Panchayats as model Gram Panchayats.
- Development of strong linkages between state government, village community and the University.
- Work to improve the economic status and living standards of the villagers.
- Spreading awareness and motivating villagers about health, hygiene and sanitation.
- Mobilization of various governmental programs and schemes in adopted GPs.
- Facilitating quality education in rural areas through career counseling & guidance for higher education and competitive examinations.
- Motivating for skill development and training to the rural youths and farmers.

KEY PARAMETERS FOR MODEL VILLAGE

A. Sustainability

- Better health – with special focus on maternal and child health
- Practical and smart education
- Housing and livelihood
- Capacity building of all stakeholders
- Clean drinking water and sanitation
- Diversified agriculture production

B. Community involvement

- Planning for holistic village development
- Mobilizing resources for the Plan with active engagement with village representatives
- Monitoring the utilization of government funds to increase accountability
- Awareness of rural population on health, hygiene and on their rights

C. Technology

- Delivery of Government services
- ICT technology in the aid of farmers
- Land records modernization
- Biometric for better targeting of services such as PDS, Insurance, Pension

D. Connectivity

- Physical connectivity from village to town and other places through roads
- Easy and cheap means of transportation
- Digital connectivity and mobile connectivity
- Augmenting power connectivity through off-grid renewable sources



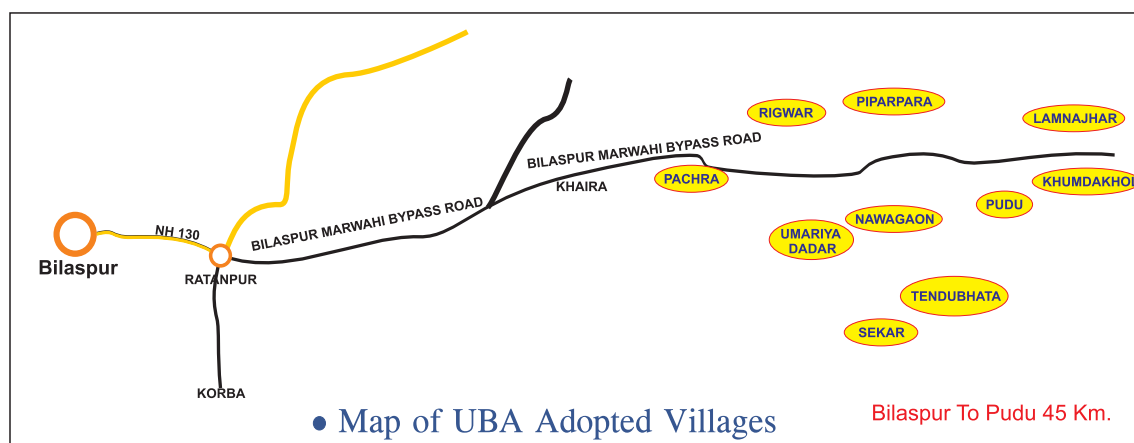
UBA team members in tribal house



Children at Anganbadi

ADOPTED GRAM PANCHAYATS (GPS)

Viswavidyalaya has adopted four Gram Panchayats Umariyadadar, Pudu, Rigwar and Tendubhatha under this programme. The adopted Gram Panchayats are located in Bilaspur district and lies in remotest forest areas on $22^{\circ} 26.616' N$ and $082^{\circ} 07.890' E$, forms a cluster of 10 villages under Kota Development Block in Bilaspur – Ratanpur - Pendraroad which is nearly 45 km from the Bilaspur, Chhattisgarh.

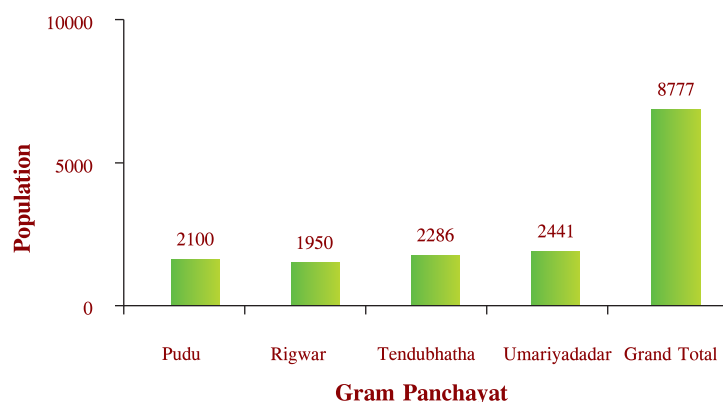


Population

Total population of the adopted GPs is about 8777 of which Pudu is biggest and Rigwar is the smallest in terms of populations. All the four GPs comprises of nine villages.



Prof. Anjila Gupta, Vice Chancellor with tribal women

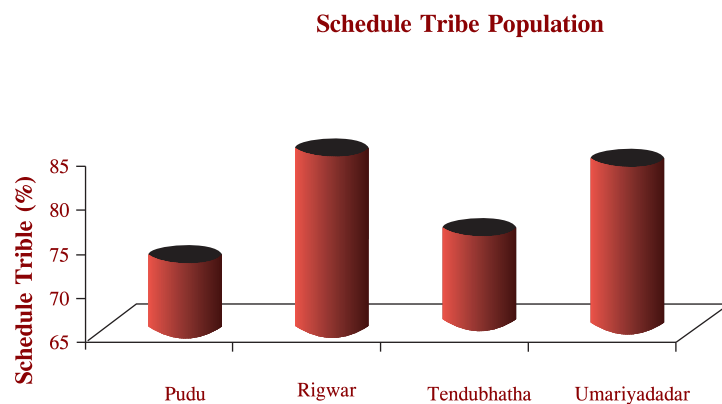
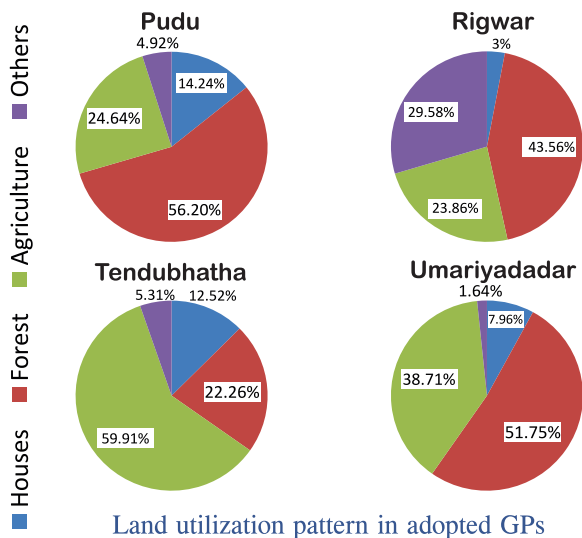


Social Structure

In Pudu 52.7% population are Kanwar and 13.35% Urao tribes while 50% Kanwar family resides in Rigwar. Tendubhatha also has Kanwar (48%), Bhainas (13%), Gonds (13%) and 26% of Yadav community. Similarly, Gond and Kanwar castes are dominant in Umariyadadar also.



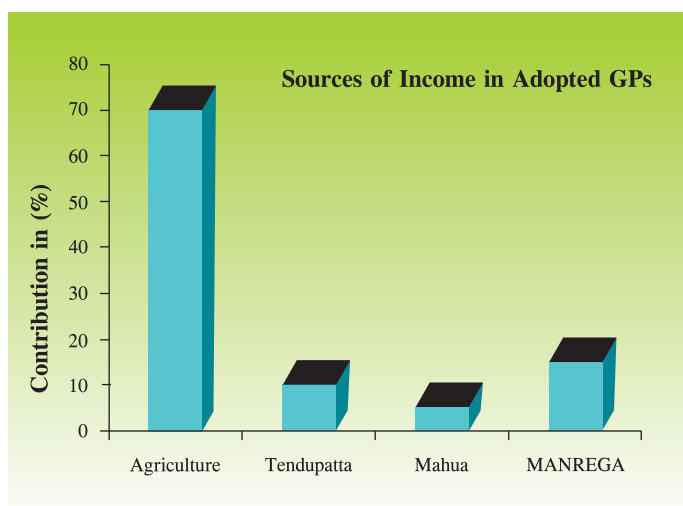
Birhor Tribal Women of Umariyadadar Village



old aged baiga tribal and children of Umariyadadar

Sources of Income

The main sources of income for villagers of the UBA adopted GPs are agriculture followed by labour works. Collection of Tendupatta and Mahua also contributes to considerable extent to the total income of the villagers. In Tendubhatha, Sekar and Umariyadadar farmers have adopted lac culture and all families have cows and buffalos.





Natural forest of adopted villages



Rice, the main crop of UBA area

Participatory Rural Appraisal (PRA) survey was conducted in all adopted GPs and a detailed **Socio-Economic Report** was prepared and has been sent to MHRD, UGC, New Delhi, Government of Chhattisgarh, and district authorities for necessary action. Since its adoption, UBA team regularly meets with District authorities for solving the identified problems and mobilization of various Government Schemes in the adopted villages. UBA team visits adopted villages every Friday for rapport building, create awareness on government schemes, education and interacts with villagers on various issues.

Major Problems of these adopted Villages

- Telephone, mobile network and internet facilities are completely unavailable.
- Drinking water is not available to villagers and in summer the problem become more intense.
- Need of at least one Higher Secondary School in the area besides of filling of the vacant posts of teachers in existing schools.
- The productivity of agriculture crops is very low and unsatisfactory.
- Sources of income are very limited for villagers.
- Most of the people are illiterate and unaware about Government schemes and their rights.



B.Sc. Forestry Student Doing Survey in adopted villages

INITIATIVES BY UBA, GGV

1 SWACHCHHA BHARAT MISSION

To accelerate the efforts to achieve universal sanitation coverage and to put focus on sanitation even in rural areas, the Hon'ble Prime Minister has launched the Swachchha Bharat Mission Gramin on 2nd October, 2014. Unfortunately, India leads the world in open defecation and about 636 million Indians lack toilets. Open defecation mainly contributes to disease, childhood malnutrition and, as highlighted recently, violence against women. Initially, for us, promoting toilet in tribal villages was a struggle but now the villagers are sensitized to the need of toilets. This has resulted from regular meetings, interactions with villagers and convincing them for making toilets and its benefits.



Toilet Owner with UBA Team and Village Elected Representatives

Before November, 2015 when Vishwavidyalaya identified these GPs for work, only 06 families had toilet but due to continuous efforts, jointly by UBA and Panchayat Sachiv, more than 700 families have their own toilets now. The construction of toilets in remaining houses is also going on in full swing and it is hoped that the whole cluster of adopted GPs will be ODF very soon. Team members also contacted CEO Kota and CEO, Jila Panchayat, Bilaspur for mobilization of funds for toilet construction in these adopted GPs. Jila Panchayat is funding and implementing agency of this programme.

In order to change the mind set of tribal people, UBA team regularly meets and motivates villagers with the help of Panchayat Sachiv, Sarpanch and other elected village representatives for the construction and the use of toilets.

Status of Toilet before and after village adoption:-

Gram Panchayat	Before Adoption	After Adoption
Pudu	03	160
Rigwar	01	235
Umariyadadar	02	186
Tendubhatha	00	205

(as on March 2017)



Motivates for use of toilet

2 FINANCIAL LITERACY CAMP

Literacy on financial matters such as bank accounts, saving schemes, loaning etc. plays a pivotal role in the economic development of any community. Our UBA team is focused on creating awareness on different schemes of banks viz Kisan Credit Card, Mudra Loan, Crop Insurance Schemes and linkage with AADHAR Card. To motivate rural people for financial literacy, one mega camp was organized on 27 June 2016 at Primary School campus, Pachra village of Umariyadadar Gram Panchayat.

Vice Chancellor, Guru Ghasidas Central University, Prof. Anjila Gupta, Chief General Manager State Bank of India Gramin, Lead Bank Manager, Bilaspur, Branch Manager SBI, Ratanpur and Punjab National Bank, Chapora motivated villagers on financial literacy. In this programme 09 youths of adopted villages were provided Pradhan Mantri Mudra loan for rural shops, hotels, cycle stores etc. Total 350 rural women and men were participated in the financial literacy camp.



3

CAREER COUNSELING AND COMPUTER CLASSES

High school education up to 10th class is available at Pudu and Umariyadadar, while education up to middle school level is available in Tendubhatha and Rigwar villages. After high school, an average of 50% students move out for higher education as the education centers are situated at long distances from all adopted villages, and as the students have to travel 12 kms to Khaira village for a Higher Secondary School. Moreover, in existing schools there is acute shortage of teachers, which affects teaching adversely.



UBA team Conducts Career Counseling Classes for High School Students

UBA team has undertaken the task to encourage rural students through motivational and remedial classes. Two motivational and career orientation classes were organized for 120 students of 9th and 10th standard at Pudu and Umariyadadar high schools. UBA team informs the students about various competitive examinations from time to time. The team has also taken up the task to conduct computer classes for high school students and remedial classes for students of all level at our adopted GPs. Students have been benefitted with these classes and rural students have been encouraged for higher education and to make their base strong on the basic subjects.

High School Pudu
is proposed for
Upgradation
as Higher Secondary
this year



UBA Team Member Guiding Students at Rigwar School



Dr Subal Das, Team Member Briefing Students on Computer Education at Umariyadadar

UBA team regularly raises the problems of these schools to District Education Officer and District Collector. Team is also in close contact with bank and the industries for CSR (Corporate Social Responsibility) funds to equip these school with modern facilities. B.Ed. students of our Vishwavidyalaya also taught in schools of adopted villages under the teaching learning programme.

Impact:- The proposal for up-gradation of High School to Higher Secondary level in Pudu village has been sent by District Authority to Secretary Department of Education, Govt of C. G. for approval.



Dr. D.K. Patel Motivating Student for Education



Development of Good Practices in Students of Sekar Village



Sport Activities are Being Promoted Alongwith Classroom Teaching at Pudu School



Dr. S.K. Sahi a UBA Team Member During Remedial Classes in Tendubhatha school

4

PLANTATION PROGRAMME



UBA Team and Villagers Planting Trees at Sekar School

These villages have large coverage under natural forest, however, a massive plantation drive was initiated during 2016 and 1250 plants of Sagon, Amrud, Khamar, Shatwan, Jamun, Kadamb and Sitafal were distributed free of cost to villagers of Sekar, and Umariyadadar villages with the help of State Forest Department. In addition, 21300 clonal plants of *Eucalyptus* were also distributed by Forest department to 78 farmers identified under Agroforestry Development and Green Chhattisgarh Schemes. More than 300 plants of Kathal and Lemon were also brought from horticulture department and distributed to 150 villagers of Rigwar, Sekar and Umariyadadar villages. In July

2017, School Students of Pudu and Rigwar has been motivated for plantations. In This programme 400 Plants of Amrud, Munga were distributed to students.



Pictures Depicts Massive Plantations Activities In Adopted Villages

5 HEALTH ASSESSMENT FOR SCHOOL STUDENTS

During visit to different schools, UBA team observed many students were affected by malnutrition and health oriented problems. This gave us the idea of assessing the student health and reports the level of problem in the area. Primary and middle school at Tendubhatha, Pudu, Umariyadadar and Rigwar were included for health checkup and a total of 730 students were considered for examination on various health parameters viz. height, weight, arm and abdomen fat etc. the data is compiled and evaluated.



UBA Team Member During Child Health Assessment at Tendubhatha



Growth Status assessment of Student in Adopted Village School

6 DEMONSTRATIONS FOR IMPROVING AGRICULTURE

Agriculture yield is very low in all adopted GPs as they use only farm yard manures and local seed varieties. In addition, the marginal and small farmers in these villages still don't know about recent advances and technologies in agriculture. Four demonstrations on collection of soil sample were conducted at Lalmatipara, Rigwar, Pudu and Tendubhatha, where 135 farmers and farm women were motivated for soil testing and soil health card.

A front line demonstration on the use of *Trichoderma* and *Pseudomonas* biopesticides was also conducted in 03 rice fields at Pachra village. The results were encouraging and they are now motivating others villagers for their use in all crops. We are also planning to convince farmers of the area for organic farming. One training programme on organic farming was organized on dated 7 - 8 June 2017, in which 50 farmers were participated from adopted Villages.



Use of *Trichoderma* and *Pseudomonas* Bioculture Being Promoted for Rice Crop



Assessment of Pest Incidences in Rice field of UBA at Umariyadadar Village



Training on Organic Farming Organized at Rigwar Village



Method Demonstration of Soil Sample Collection by UBA Team

One Research Project is Awarded from DST, New Delhi For research on insect control in rice

7

DISTRIBUTION OF CYCLES UNDER SARASWATI SCHEME

Saraswati Cycle Scheme of Chhattisgarh Government is very beneficial and popular programme that helps girl students of high school for continuous education. With the initiatives of UBA team, 26 girls students of Government High School Umariyadadar have been provided cycles and now they come to school regularly even from remote and forest areas. This scheme also motivates girl students of middle classes for continuing higher education.



UBA Team and Principal During Bicycle Distribution Programme in Umariyadadar High School

8

PROMOTION OF UJALA YOJNA

Pradhan Mantri Ujala Yojna has been promoted in the adopted villages with the result that almost 30% village families are using LED lights now. We had invited meeting of villagers, made public announcements to promote the scheme. In this scheme each BPL family was given 4 LED bulbs free of cost while others were given on subsidized rate.

9

PROMOTION OF PRADHAN MANTRI UJJWALA YOJNA

Under this Scheme, so far about 300 families have been benefitted in our Unnat Bharat Abhiyan adopted Gram Panchayats and received cooking gas cylinder with Chulhas. UBA team motivates villagers and provides necessary helps and guidance for successful implementation of this scheme in all adopted GPs. Other families are also being encouraged for Ujjwala Yojna so that the maximum number of rural families may be benefitted. This scheme will play a very important role in the conservation of forests as 99% families are using fuel wood for their energy requirements, which is collected from forest area.

Gram Panchayat	Before Adoption	After Adoption
Pudu	03	56
Rigwar	02	59
Umariyadadar	02	111
Tendubhatha	01	85

Status of Cooking Gas in adopted Gps (as on March 2017)

10

ATTACHMENT OF UNIVERSITY STUDENTS TO ADOPTED VILLAGES

All 11 units of National Service Scheme (NSS) of the Guru Ghasidas Vishwavidyalaya have been allotted one village for organizing one day and seven day camp for social work. In one day NSS camp, 100 NSS volunteer visited Pachra village, cleaned the school premises, helped villagers in making toilets and also motivated villagers on different issues.

Thirteen students of B.Ed, IVth semester, Education department were attached to High School and Middle School Umariyadadar, Rigwar and Pudu for teaching works from 20th January to 28 February, 2017. M.Sc. and B.Sc., Anthropology students also attached for socio-demographics profile study of tribal communities of Umariyadadar and Tendubhata GPs.

Recently one week NSS camp was organized from 25 February to 3rd March, 2017 at Tendubhatha School and the volunteers gave their services in Swachchha Bharat Mission toilet construction, cleaning of ponds, school, road site, motivation to rural people on health and hygiene, guiding the rural students for higher education etc. Similarly, two camps organized at Umariyadadar and Pudu on 21-27 March 2017 in which NSS volunteers provided their services in community developments.



GGV Students Activities in UBA adopted Villages

11

RAPPORT BUILDING WITH VILLAGERS

Meetings with villagers and village representatives are a regular and important feature of UBA aimed to create a rapport among villagers. So far more than 05 meetings have been called for discussion on various problems of the villages and Panchayats and to make development plan. On the basis of the problems identified jointly by villagers and UBA team. Information has already been conveyed to district authorities for necessary solution and implementation of government schemes in these adopted villages from time to time. student of GGV visits these villages and aware rural community through *Nukkad Natak*, stories and folk dances.



UBA Team in Gram Panchayat Meeting at RigwarVillage



UBA Team Member Interacting With the Villagers for Problem Identification



Discussion by UBA Team and Villagers on Identified Problem



UBA Member Motivating Rural Women



Rapport Building Process Between UBA Team and Villagers

12 ANALYSIS OF DRINKING WATER



UBA Team Member's Collecting Water Samples for its Quality Analysis

The main problem of all our adopted Gram Panchayats is the non-availability of safe drinking water. Most of the water from hand pumps are red in color and gets dried during summer. The people have to depend on one or two wells and hand pumps for potable water during summer. We collected water samples from hand pumps of adopted villages and analyzed to check the quality of drinking water. As the availability of water is a major problem in the area, UBA team has already submitted an application in Public Health Engineering Department (PHE) for an

over-head tank based water supply system for

Umariyadadar and Pudu villages. During last year, 2 hand pumps were sanctioned and installed in Rigwar and recently 01 hand pump was installed in Pudu School by PHE due to efforts of UBA team of the University. Irrigation facility is also lacking in the area. In this regard, we have conveyed this problem to District Collector, Bilaspur and also suggested means to supply water from Badbudanala dam of Sekar village.

13 AWARENESS ON SKILL DEVELOPMENT

Vishwavidyalaya has conducted awareness training for tribal women at Pudu, Rigwar and Umariyadadar GPs to encourage villagers for skill development programs. We are encouraging rural youth for skill development training in various categories viz. plumbing, computer repairing, nursing, tailoring etc. More than 25 women and youth have been motivated for different business oriented training. Now we are identifying rural youth and school drop outs for various employment oriented training. In this regards UBA is in close contact with Livelihood colleges for training to rural peoples and school drop outs. In the areas shop, motor mechanic, plumber, computer operator, tailoring etc. are having great demand.



Awareness Camp Organized on Skill Development for Women at Pudu Gram Panchayat



Presence of Tribal Womens During Skill Development Training Programme



Tendupatta is a Main Sources of Livelihood in Adopted Villages



Production of Lac Being Promoted at Tendubhatha and Umariyadadar Villages



Goat Rearing has Strong Potential for Improving the Income of Tribal Community



Dairy Identified Beneficial Entrepreneurship in Adopted GPs

14

HEALTH CAMP



Vice Chancellor Prof. Anjila Gupta at Inaugural Ceremony of Health Camp

Looking at the high MMR (Maternal Mortality Rate) and IMR (Infant Mortality Rate), 48 and 263 respectively, in the district, two health camps have been organized in the adopted GPs. One camp was especially organized at Umariyadadar for Baiga and Urao tribes with the help of health department. Intensive health check-up facilities were provided to about 150 people of tribal communities and walker sticks and mosquito nets were distributed to old aged and needy persons.

One district level health camp was again organized on 9th December, 2016 which was inaugurated by the Vice Chancellor of Guru Ghasidas Central University Prof. Anjila Gupta, in the presence of the District Collector as Chief Guest. More than 10 stalls were established which provided complete health check-up of blood, diabetic, eye disease, general OPD, skin disease, pregnant women, student check-up etc. More than 400 villagers including students benefitted from this camp. Over 100 walker sticks were distributed to the elderly villagers free of cost.



Villagers and Students Participating in Health Check-up camp at Pudu

On this occasion, District Collector made announcements to solve several problems of the villagers. During the camp SDM, Chief Health and Medical Officer, Nodal Officer, Malaria, Tahsildar, Ratanpur, Doctors and staff of Kota and Chapora hospitals were present.



Mosquito Net Distribution to Tribal Women During Health Camp at Umariyadadar Village



Doctors Checking Health and Providing Medicines to Villagers in the Camp

15 YOGA CAMP

A 5 day yoga camp was organized with the help of Aayush Department, Government of Chhattisgarh under the Coordination of Dr. Bharti, Aayurvedic Doctor, Pudu from 27 to 31 January, 2017. About 400 participants of school and village benefitted through yoga camp. NSS volunteers also insists villagers for yoga though practical demonstration of different yoga positions and its benefits during camp periods.



Yoga Camp Organized at Pudu Village from 27 to 31 January, 2017



Participants at Yoga Camp During Practice

IMPACT ANALYSIS

UBA programme was implemented by Guru Ghasidas Vishwavidyalaya in the Month of October, 2015, during this short period of times, UBA team has initiated number of activities for the upliftment of the rural communities. The following are the achievements of Unnat Bharat Abhiyan started by the University:-

- ❖ The number of families having toilets has gone from 6 to more than 700. It could be possible only due to joint efforts made by UBA team, Sarpanch, Panchyat Sachiv and Janpad Panchayat Officials. Rigwar Panchayat has been declared ODF .
- ❖ A Financial Literacy Camp was organized by the UBA team at Pachra village for 350 participants, in which 09 rural youth and women were provided Pradhan Mantri Mudra loan.
- ❖ Two health camps were organized jointly with the Health Department at Pudu and Umariyadadar and 100 walkers were distributed. In Umariyadadar camp 150 mosquito nets and 30 walkers were distributed to the persons belonging to the baiga and birhor tribes.
- ❖ UBA team promoted Ujjwala yojna in the adopted Gram panchayats, under the scheme more than 300 LPG cylinders were provided to rural BPL families.
- ❖ Under Ujala yojna, more than 100 families received LED bulbs free of cost.
- ❖ A comprehensive Socio-economic report was prepared for UBA adopted villages.
- ❖ Two career orientation classes were organized at Pudu and Umariyadadar high schools in which 120 students were motivated for higher classes.
- ❖ Computer application classes were also conducted at Pudu and Umariyadadar high schools.
- ❖ A proposal for up gradation of High School, Pudu to Higher Secondary School has been forwarded by district authority and sent to Higher Education, CG Government for its approval.
- ❖ Total 03 hand pumps, two in Rigwar and 01 in Pudu have been successfully installed.
- ❖ About 2000 fruit plants were distributed free of cost in the adopted villages. Forest Department has provided 21,300 plants of Eucalyptus to 78 selected farmers.

- ❖ Health assessment for 750 students of Tendubhatha, Umariyadadar, Rigwar and Pudu village were done to identify nutritionally deficient students.
- ❖ UBA team visits these villages on every Friday, meets villagers and has developed a strong rapport with the villagers.
- ❖ Demonstration on the use of Trichoderma and Pseudomonas biopesticides were conducted in the field of Rice at Pachra village.
- ❖ Four demonstrations on collection of composite soil samples and soil health card were organized in Pudu, Rigwar and Tendubhatha GPs in which 135 farmers were participated.
- ❖ Three National Service Scheme (NSS) Camps each of one week were organized at Tendubhatha, Pudu and Umariadadar village.
- ❖ Thirteen students of Bachelors of Education (B.Ed.) IVth semester were attached for teaching and learning process in high school and middle school of Umariyadadar, Pudu and Rigwar for two months.
- ❖ B.Sc./B.A. and M.Sc./M.A. students of Anthropology Department were also attached twice for 10 days to Umariyadadar and Tendubhata for study.
- ❖ One Ph.D. scholar of Rural Technology Department and three scholars from Botany Department are doing their doctoral research covering the adopted villages.
- ❖ One research project awarded to Dr. V Mandel and Dr. K.K. Chandra from NRDMS (DST), New Delhi for developing natural pesticides for paddy.
- ❖ One skill development camp was organized in Gram panchayat Pudu in which 25 women participants were motivated for mushroom, poultry etc.
- ❖ One five day yoga camp was organized jointly by Aayush Department and UBA at Pudu from 27 to 31 January, 2017.
- ❖ Water samples were collected from all the hand pumps, wells and ponds and were analyzed to check the quality of drinking water.
- ❖ With the initiatives by the UBA team, 26 girls of high school, Umariyadadar were provided bicycles by District Education Department.
- ❖ Participants of Research Methodology for Social Sciences also visited Rigwar to see the initiatives taken by UBA.
- ❖ Two days Training on Organic Farming was organized at Rigwar Panchayat for 50 farmers on 7 -8 June 2017.

UBA Village Resources



UBA TEAM MEMBERS



Dr. K. K. Chandra
Nodal Officer / Associate Professor
Department of Forestry, Wildlife and Environmental Sciences



Dr. S.K. Shahi,
Associate Professor
Dept. of Botany



Dr. D.K. Patel
Assistant Professor
Dept. of Rural Technology



Dr. Ramesh Gohe
Assistant Professor
Dept. of Hindi



Dr. Subal Das
Assistant Professor
Dept. of Anthropology



Dr. Manorama Singh
Assistant Professor
Dept. of Chemistry

Annual Report 2017-18

Unnat Bharat Abhiyan (UBA)

Unnat Bharat Abhiyan is a Ministry of Human Resource Development, Government of India Programme to uplift rural India. Unnat Bharat program is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help and build the architecture of an inclusive India. In compliance of MHRD letter on dated 24th August, 2015 and UGC vide DO No. F.13-13-2015(CU) dated 4/09/2015, Vice Chancellor, Prof. Anjila Gupta took initiative first and constituted Unnat Bharat Abhiyan Cell in this Vishwavidyalaya and Dr. K. K. Chandra, Associate Professor, Department of Forestry, Wildlife & Environmental Sciences was appointed a Nodal Officer alongwith 04 other committee members to work for Unnat Bharat Abhiyan. Under UBA04 Gram Panchayats (GPs) Pudu, Rigwar, Tendubhata and Umariadadar, comprising 09 villages of Kota Block, Bilaspur, dominated with tribal population has adopted.

S. No.	Name of Gram Panchayat	Total Populations	Schedule Tribe (%)
1	Pudu	2100	72.90
2	Ringwar	1950	85.00
3	Tendubhata	2286	76.00
4	Umriyadader	2441	84.00
	Total/Average	8777	79.47

Since adoption of GPs, the UBA team visits every Friday to these GPs, interacts with villagers and discusses their problems. At the same time UBA team meets with authorities for the implementation of different schemes in our adopted GPs and solutions of village problems. Thus UBA team has played a role in establishing linkages between villages and District Authority.

The following activities were taken during 2017-18 under Unnat Bharat Abhiyan program:-

- A two days training on “Organic Farming” was organized on 7th and 8th June at Gram Panchayat Rigwar. Total 45 farmers from all adopted gram panchayats participated and benefitted. The application of Trichoderma and Pseudomonas biopesticides were demonstrated in rice crop.
- Student of B.Sc. Rural Technology visited Ringwar Piparpara village for the study the of rural livelihood and problem identification of the UBA adopted villages.

- UBA team motivated people regularly for construction and use of toilets under Pradhan Mantri Swachha Bharat Mission. Two gram panchayats Rigwar and tendubhatha has been declared ODF while 90% works in other villages has been completed.
- One day training on Sanitary Education organized for girl students on 15/09/2017 at government high school Pudu and Umariadadar, in which 132 girl participants interacted with the expert on sanitary tips during monthly cycle.
- A ten days training on “Computer Education” was organized during 20th Sept to 6/10/2017 at high school Pudu and Umariadadar to educate rural students for use and applications of computer.
- UBA bulletin published depicting UBA activities undertaken by GGV since adoption of villages, which has been sent to MHRD, UGC, IIT Delhi and to other officials of district authorities. The bulletin is also uploaded in UBA website by IIT Delhi so that other participating institute may also see out activities conducted under UBA.
- One day camp of NSS organized on 11 November, 2017 in which 50 student volunteers visited Umariadadar village under UBA and encouraged villagers on health, hygiene etc.
- UBA team attended two day’s workshop on community curriculum development and signed MoU between GGV and NCRI, Hyderabad.
- Ujjwala Yojna has been promoted in these villages results that more than 410 families got LPG gas free of cost.
- MoU between UBA IIT Delhi, National Co-ordinator, Unnat Bharat Abhiyan Program MHRD, GOI and GGV has been done. IIT, Delhi has released Rs. 1.75 lakh under UBA for house hold and village survey and for preparation of village development plan.
- Four camps of NSS of one week durations have been organized during the year comprising 264 students involving various departments of the University in UBA adopted villages. First camp organized during 23 Feb – 01 March for 75 students of Institute of Technology and UTD at Tendubhatha village, second and third NSS camp during 10 – 16 March, 2018 at Pachra and Umariadadar villages respectively for students of School of Natural resource, School of Physical Sciences, School of Engineering and technology and School of Management and Commerce, (65 students), and School of Life sciences and School of Art and women unit of UTD (72 students). Last camp of this series organized on 22 – 28 March, 2018 at Pudu village for 52 students of department of law and department of Pharmacy. During the camps NSS volunteers worked on cleaning of ponds, making of pits near hand pump, making toilets alongwith taking part in awareness programmes on health and hygiene to rural communities.



Nodal Officer
Unnat Bharat Abhiyan
GGV

Annual Report 2018-19

Unnat Bharat Abhiyan (UBA)

Guru Ghasidas Vishwavidyalaya is actively participating in Unnat Bharat Abhiyan under coordination institute, IIT, Delhi after signing MoU with IIT Delhi. It is a Ministry of Human Resource Development, Government of India Programme implemented to involve higher education institutes for technological transfer for the transformational change in rural development processes by leveraging knowledge higher institutions. Since September, 2015 community development cell and Unnat Bharat Abhiyan cell was constituted and 05 members team was appointed including one Nodal Officer Dr. K. K. Chandra, Associate Professor, Department of Forestry, Wildlife & Environmental Sciences. Under UBA04 Gram Panchayats (GPs) Pudu, Ringwar, Tendubhata and Umriyadader, comprising 09 villages of Kota Block, Bilaspur, dominated with tribal population has adopted.

S. No.	Name of Gram Panchayat	Total Populations	Schedule Tribe (%)
1	Pudu	2100	72.90
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3	Tendubhata	2286	76.00
4	Umriyadader	2441	84.00
	Total/Average	8777	79.47

UBA team visits every Friday to the villages of adopted GPs to meet villagers and discusses their problems. The identified problems of the villagers are then conveyed to district authorities for appropriate solutions and also for the implementation of different schemes in these adopted GPs. Thus UBA team is playing its role developing linkages between villages and District Authority.

The following activities were taken during 2018-19 under Unnat Bharat Abhiyan program:-

- Gram sabha meetings were organized in all 04 gram panchayats where Sarpanch, Gram Sachiv and other member and villagers of the villages were invited for preparing of effective village development plan (VDP) of adopted villages.
- Fruit plants of 1000 nos namely Moringa, lemon, Guava, Kathal and papaya were distributed to students of Pudu, Rigwar, Umariyadadar and Pachra school with aims to facilitate balance nutrition especially to girl students of rural area and also to motivate for tree planting and nature care. Improved variety of bamboo was also provided free of cost to farmers of Tendubhatha for planning.
- Swachhta hi seva program was initiated in Umariyadadar and Rigwar village in September- October months where swachhta rally was organized by 150 NSS volunteers of the Vishwavidyalaya. CEO Janpad Panchayat Kota, Kunal Dudawat (IAS) was chief guest in this programme. Villagers were encouraged against alcohol drinking, girls education, and health issues through nukkad natak and play programmes.
- Two programme on legal and fundamental rights awareness was organized for 96 rural students and villagers in Umariyadadar and Pudu, where a group of LLB students from GGV explained about fundamental rights and legal safety of citizen.
- Promotion of Swachha bharat scheme was done in all adopted villages results 03 adopted GPs has been declared ODF while last one has also completed 90% target of toilet construction. UBA team regularly visits to beneficiaries of this scheme and promotes for its use.
- PM Ujjwala Yojna has been promoted in all adopted villages results more than 400 poor families has their own LPG cylinders.
- Two mushroom Training cum demonstration programme was organized for 55 women and rural youth of Rigwar and Tendubhata village under skill development programme. Free span of mushroom was distributed to beneficiaries for mushroom production.
- One day workshop on home herbal and kitchen garden was organized in Umariyadadar adopted village for 38 participants. Traditional healers of vaidya sangh and UBA team member displayed different herbs for identification and use in controlling of diseases at local level as well as the conservation of forest.
- Village development plan (VDP) of all 04 gram panchayats (GPs) has been prepared and uploaded to unnat bharat abhiyan portal of GOI successfully. The adopted villages has

been surveyed and data collected in different parameters has also already uploaded in UBA portal.

- Seven proposal of technology transfer based on priority areas of Chhattisgarh Government Narwa, Ghurwa, Ghurwa and Bari (NGGB) has been prepared by UBA team member of the University which is being submitted to Jila Panchayat for its funding and implementation in adopted villages.
- To develop competitiveness among rural students 04 painting competition and easy writing competition were conducted in school of all adopted GPs and prize were distributed to participants.
- Badminton items, football and other sports items were donated Sekar, Pachra, Rigwar and Tendubhatha schools to promote sports activities since primary education.
- Forty students of B.Sc./ BA anthropology were attached for 10 days to Umariyadadar village for survey of tribal families and study of their culture and customs.
- Four farmers were given seeds of Jimikand (Improved variety) for commercial cultivation. To improve the agriculture income of the farmers, biofungicides and trichoderma were distributed for seedling treatment in Rigwar and Pachra village.



Nodal Officer
Unnat Bharat Abhiyan
GGV

Annual Report 2019-20

Unnat Bharat Abhiyan

[April 2019 to 31 March 2020]

Guru Ghasidas Vishwavidyalaya has adopted 04 gram panchayats namely Umariadadar, Pudu, Ringwar and Tendubhatha and its dependent villages of Kota development blocks of Bilaspur district as per directions of the Ministry of Human Resource Development (MHRD), New Delhi. These villages are dominated with tribal communities and are 45 km away from district headquarter Bilaspur. Since adopted of the villages under UBA, vishwavidyalaya are regularly organizing different programmes for the benefits of the villagers. Some of the activities are as follows:

Rapport Building: UBA team visits every Friday to adopted GPs and discusses village problems which is conveyed to district administration. Gram Panchayats meeting were also conducted to prepare village development plans for the adopted villages.

Awareness programme on Swachhata: To promote swachhata in villages, students were motivated through organizing painting competitions during 15 September to 15 October, 2019. Three painting competitions for middle school students of Umariyadadar, Tendubhata and Ringwar on “Swachhata” during September - October, 2019. Fifty two students were participated in these competitions.

Village development programmes: Household survey of the adopted villages has been conducted and village development plans has been prepared. On the basis of plan 07 project proposal has been submitted to expert group of Unnat Bharat Abhiyan, IIT, New Delhi for funding on different aspects of village development such as improved agriculture, mushroom production, lac production, medicinal plants, health and hygiene.

Career counseling Classes: Rural students have been motivated for higher studies and competitive examinations by organizing career orientation classes at high school pudu and umariadadar. Nukkad natak has been also organized by NSS volunteer in these villages to promote *beti bachao beti padhao*, ill effects of alcohol drinking etc.

Plantation drive: One day workshop on medicinal plant was organized at Umariyadadar panchayat on May, 2019 to aware villagers on medicinal plant conservation, propagation and its

use. Villagers were encouraged for planting of fruit species in their homestead gardens and also provided saplings to villagers.

Skill development Trainings

Two training on mushroom production were organized in Tendubhatha and Rigwar panchayats during January, 2019 for 35 villagers.

Training and Demonstration for Improved agriculture

Biofertilizers were provided to 04 farmers of Pachra and Tendubhata village for demonstration in Paddy fields and organic production. Improved seed of Elephant foot yam (Jimikand) was also distributed free of cost to 05 farmers for higher income and seed production.

MoU with IIT Delhi: Guru Ghasidas Vishwavidyalya has signed MoU between Unnat Bharat Abhiyan with Coordinating Institute, IIT Delhi work for rural development with the leverage knowledge of University and other higher institutes.



Dr. K. K. Chandra
Nodal Officer
Unnat Bharat Abhiyan
GGV

Annual Report 2020-21

Unnat Bharat Abhiyan

[April 2020 to 31 March 2021]

Guru Ghasidas Vishwavidyalaya has adopted 04 gram panchayats namely Umariadadar, Pudu, Ringwar and Tendubhatha and its dependent villages of Kota development blocks of Bilaspur district as per directions of the Ministry of Human Resource Development (MHRD), New Delhi. These villages are dominated with tribal communities and are 45 km away from district headquarter Bilaspur. Since adopted of the villages under UBA, vishwavidyalaya are regularly organizing different programmes for the benefits of the villagers. Vishwavidyalaya has signed MoU with IIT Delhi to facilitate rural development programs in these villages. During the year the following activities were organized in these villages.

Rapport Building: UBA team visits regularly to adopted villages, discusses their problems and conveyed to district administration for their solutions.

COVID 19 awareness programs

Awareness programs on Covid 19 conducted in all the adopted villages during pandemic period to control the spread of pandemic disease in adopted villages. Through intensive visits about 600 villagers and migrant workers were provided mask and sanitizers by UBA Nodal Officer Dr. K. K. Chandra and UBA team. The method of immunity boosting were demonstrated among rural resident through medicinal kadha preparation, tulsi extract and yoga practices.

Free distribution of medicinal plants for home garden

To enrich the kitchen and homestead gardens of adopted villages medicinal plants were provided free of cost. More than 2000 saplings of Giloe, Bramhi, Tulsi, Butch, Piper, stevia were distributed in adopted villages for its domestication and to promote ayurvedic formulations for enhancing immunity.

Skill development Trainings

Training on mushroom production was organized in Pudu panchayat and women self-help group were motivated for mushroom cultivation and marketing.

Program for diversified agriculture

Looking the potential of Elephant foot yam (Jimikand) in adopted villages and to increase the income tribal dominated farming communities, a training program was conducted at Tendubhatha Panchayat. In this program 40 farmers and farm women of all adopted villages were invited for a

demonstrative training and also provided improved seeds of jimikand for its commercial cultivation.



Dr. K. K. Chandra

Nodal Officer

Unnat Bharat Abhiyan

GGV

Annual Report 2021-22

Unnat Bharat Abhiyan

[April 2021 to 31 March 2022]

Guru Ghasidas Vishwavidyalaya has adopted 04 gram panchayats namely Umariadadar, Pudu, Ringwar and Tendubhatha and its dependent villages of Kota development blocks of Bilaspur district as per directions of the Ministry of Human Resource Development (MHRD), New Delhi. These villages are dominated with tribal communities and are 45 km away from district headquarter Bilaspur. Since adopted of the villages under UBA, Vishwavidyalaya are regularly organizing different programmes for the benefits of the villagers. Vishwavidyalaya has signed MoU with IIT Delhi to facilitate rural development programs in these villages. During the year the following activities were organized in these villages.

Rapport Building: UBA team and interact to villagers and identified the issues of the villages which were conveyed to district administration for appropriate solutions. UBA team members Dr. K K Chandra (Nodal Officer) and other members Dr. S. K. Sahi, Dr. D. K. Patel, Dr. Subal Das and Dr. Ramesh Gohe regularly visited adopted villages and has developed a strong rapport with the villagers.

COVID 19 awareness programs

Corona awareness campaign conducted in all the adopted villages during pandemic period to protect the rural community of the adopted villages. Through door to door visits, a team of UBA reached to the 1000 villagers across adopted gram panchayats and distributed medicinal plants of Giloe, Stevia, Tulsi, Butch, Aloe, etc. in adopted villagers. Also demonstrated the use of ayurvedic kadda preparation and planting of medicinal plants in homestead gardens.

Financial literacy camp

A district level financial literacy camp was organized on 29 September 2021 at Pudu village to aware and benefit peoples of adopted villages on different government schemes, saving methods and Kisan Credit Cards, etc. CEO Janpad panchayat Mrs Lalita Bhagat attended the programme as a Chief Guest followed by Chief Manager, State Bank of India, Bilaspur Shri Devdas Chatterjee. In this camp speakers and bankers encouraged rural community and women self-help groups for

starting mushroom production, composting unit, agarbatti production, and other rural production and income generation activities. In the camp 150 villagers and women groups were participated.

Mushroom production training for income generations

Village self-help groups of the adopted villages particularly Pudu Panchayats were trained for mushroom production technology and value addition. After training they were motivated further through regular interaction and discussion. Total fifty women's participated in Mushroom training program organized in Pudu Gram Panchayats.

NSS Camp in adopted villages

Two camps of one week duration were conducted at Rigwar and Pudu Gram Panchyats where 160 NSS volunteers of the university attended the camps and participated in different NSS activities in these villages.



Dr. K. K. Chandra

Nodal Officer

Unnat Bharat Abhiyan

GGV