



UNNAT BHARAT ABHIYAN  
Regional Coordinating Institute, IIT Gandhinagar

RCI Annual Report 2023-24

1. About RCI (IIT Gandhinagar)	4
1.1 List of Districts	4
1.2 List of Participating Institutes Approved by NCI	4
1.3 List of Participating Institutes (Incomplete Registration)	6
2. PI Activities	7
2.1 Activities by Participating Institutes	7
2.2 Non Functional/ Less Functional Participating Institute	10
2.3 Participating Institutes that requested help from RCI	11
3. Key Problems	11
4. As Participating Institute	12
4.1 Introduction.	12
4.2 Nawa Dharampur Village Visit.	12
Challenges and Concerns:	14
4.3 Alampur Village visit.	14
Infrastructure:	15
Challenges and Concerns:	15
Location and Services:	16
4.4 Dashela Village visit	17
Overview	17
Infrastructure	17
Challenges and concerns	17
Location, Services and Summary	19
4.5 Giyod Village visit	19
Overview	19
Infrastructure	19
Challenges and concerns	21
Location, Services and Summary	21
4.6 Lavarpur village visit	21
Overview	21
Infrastructure	21
Challenges and concerns	24
Location, Services and Summary	24
5. Report On the Orientation Workshop	24
6. Workshop on Integrated Rural Water Management: Completion Report	26
7. Career Guidance Session at Vidya Raj Vidhyalay, Alampur	30
8. Workshop Report: 2-Day Workshop on Community Outreach Programmes by HEIs of India	32
9. National Workshop Report: Unnat Bharat Abhiyan	37
Day One Highlights (18th March 2024)	37

Day Two Highlights (19th March 2024)	38
10. Workshop at Pandit Deendayal Energy University	39

## 1. About RCI (IIT Gandhinagar)

IIT Gandhinagar is a Regional Coordinating Institute of Unnat Bharat Abhiyan. As a RCI IIT Gandhinagar is monitoring Participating Institutes which are higher educational institutions from different districts of Gujarat.

Total 18 districts of Gujarat have been allocated to IIT Gandhinagar.

### 1.1 List of Districts

1. Ahmedabad
2. Aravalli
3. Banaskantha
4. Bhavnagar
5. Morbi
6. Gandhinagar
7. Kachchh
8. Mahesana
9. Patan
10. Rajkot
11. Sabar Kantha
12. Surendra Nagar

From these districts 50 higher educational institutes are working as a Participating institute under Regional Coordinating Institute IIT Gandhinagar.

Here is the list of participating Institutes approved by National Coordinating Institute, IIT Delhi.

### 1.2 List of Participating Institutes Approved by NCI

Sr No.	AISHE Code	Institute	District
1	C-7132	Swami Sahajanand College of Commerce and Management	Bhavnagar
2	U-0139	Indian Institute of Technology, Gandhinagar	Ahmadabad
3	C-6710	Pramukh Swami Science and H D Patel Arts College Kadi	Mahesana
4	U-0821	Sankalchand Patel University, Visnagar	Mahesana
5	C-6771	Smt R M Prajapati Arts College Satlasana	Mahesana
6	C-49668	Smt Savitaben Rameshbhai Vaghani Commerce College -Mahila College, Educational Campus	Bhavnagar
7	U-0790	Rai University	Ahmadabad
8	C-162	Shri Labhubhai Trivedi Institute of Engineering and Technology, Rajkot 089	Rajkot

9	C-1000	Shri Manibhai Virani and Smt.Navalben Virani Science College, Rajkot	Rajkot
10	U-0825	Marwadi University	Rajkot
11	C-1048	Shree G.K.and C.K.Bosamia Arts and Commerce College-Jetpur	Rajkot
12	C-6779	Shree V R Patel College of Commerce Mehsana	Mahesana
13	U-0146	Nirma University, Ahmedabad	Ahmadabad
14	C-6789	M.M.Chaudhari Arts College Rajendranagar	Sabar Kantha
15	U-0147	Pandit Deendayal Energy University, Gandhi Nagar	Gandhinagar
16	C-4099	S.D.Shethia College of Education	Kachchh
17	U-0663	Indus University	Gandhinagar
19	C-269	R.B.Institute of Management Studies (Sfi)-Ahmedabad 549	Ahmadabad
20	C-6642	Shri U P Arts and Smt Mgp Sci and Shri Vls Comm College	Mahesana
21	C-83	Merchant Engg.College, Basna.Visnagar 065	Mahesana
22	C-381	Sankalchand Patel College of Engineering, Visnagar	Mahesana
23	U-0708	C.U.Shah University, Surendranagar	Surendranagar
24	U-0137	Gujarat Vidyapith, Ahmedabad	Ahmadabad
25	U-0136	Gujarat University, Ahmedabad	Ahmadabad
26	C-382	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar 017	Ahmadabad
27	C-45251	Asia Pacific Institute of Hotel Management, Ahmedabad 105	Ahmadabad
28	C-50313	A P Trivedi Arts, Commerce and Science College, Khorda	Banas Kantha
29	C-51523	Gyanmanjari Institute of Technology	Bhavnagar
30	U-0126	Central University of Gujarat, Gandhinagar	Gandhinagar
31	C-228	Shree Swaminarayan Institute of Technology(Sfi)-Gandhinagar 533	Gandhinagar
33	U-0594	Children University, Gandhinagar	Gandhinagar
34	U-0134	Gujarat National Law University, Gandhinagar	Gandhinagar
35	S-88	Entrepreneurship Development Institute of India	Gandhinagar
36	C-55	Veerayatan Institute of Engineering (092)	Kachchh
37	C-392	Hjd Institute of Technical Education and Reserch, Kera 085	Kachchh
38	C-4097	Tolani Commerce College	Kachchh
39	C-55677	Tolani Motwane Institute of Management Studies	Kachchh
40	C-295	Government Engineering College, Bhuj 015	Kachchh
41	C-6774	The Knsb Ltd Arts and Commerce College Kheralu	Mahesana
42	C-402	Shri Sarvajanic Pharmacy College, Mehsana 245	Mahesana
43	C-6897	Maniben M.P.Shah Mahila Arts College, Kadi	Mahesana
44	C-443	Ganpat University U.V.Patel College of Engineering	Mahesana

45	C-45059	Hansaba College of Engineering and Technology, Siddhpur 098	Patan
46	U-0647	R K University, Rajkot	Rajkot
47	C-91	B.H.Gardi College of Engg.and Technology , Rajkot 004	Rajkot
48	C-6806	D D Thakar Arts and K J Patel Commerce College	Sabar Kantha
49	C-260	D.L.Patel Institute of Management and Technology, Mca College.(Sfi)-Himmatnagar 507	Sabar Kantha
50	C-6775	The Sns Bank Ltd Mahila Arts College Mehtapura	Sabar Kantha

Table 1.1 List of PIs approved by NCI

There were 19 Participating Institutes who are currently registering themselves through the UBA registration procedure. Among these 19 PIs 2 have completed their registration procedure which is pending for the approval by the Ministry of Education.

### 1.3 List of Participating Institutes (Incomplete Registration)

<b>Sr No.</b>	<b>AISHE Code</b>	<b>Institute</b>	<b>District</b>
1	C-63933	Silver Oak College of Humanities and Social Science	Ahmadabad
2	C-63937	Silver Oak Commerce College	Ahmadabad
3	C-406	Silver Oak College of Engg., and Tech., Ahmedabad 077	Ahmadabad
4	C-63936	Silver Oak College of Management	Ahmadabad
5	C-67429	Silver Oak College of Nursing	Ahmadabad
6	C-67891	Silver Oak Institute of Design	Ahmadabad
7	C-63935	Silver Oak College of Computer Application	Ahmadabad
8	C-67418	Silver Oak College of Physiotherapy	Ahmadabad
9	C-67890	Silver Oak College of Aviation Technology	Ahmadabad
10	C-63934	Silver Oak Science College	Ahmadabad
11	C-6891	D N P Arts and Commerce College	Banas Kantha
12	C-50515	Aditya Silver Oak Institute of Technology	Ahmadabad
13	U-0135	Gujarat Technological University, Ahmedabad	Ahmadabad
14	C-50517	Asian Institute of Technology, Vadali (969)	Sabarkantha
15	C-55817	Swami Vivekanand Post Graduate Academy	Bhavnagar
16	C-7150	Swami Vivekanand Homoeopathic Medical College and Hospital	Bhavnagar
17	C-64857	Shree Krishna Arts College Lakhani	BanasKantha

Table 1.2 List of PIs (Incomplete Registration)

#### 1.4 List of Participating Institutes (Pending at Ministry of Education)

Sr No.	AISHE Code	Institute	District
1	U-1149	Darshan University	Rajkot
2	C-953	Rajkot Homoeopathy Medical College-Rajkot	Rajkot

Table 1.3 List of PIs (Pending at Ministry of Education)

## 2. PI Activities

Among 50 approved Participating Institutes there are some institutes that are carrying out various activities under Unnat Bharat Abhiyan after analyzing their adopted villages.

### 2.1 Activities by Participating Institutes

Aishe Code	Institute Name	Activities
C-6710	Pramukh Swami Science and H D Patel Arts College	<ol style="list-style-type: none"> <li>1. Gram Sabha</li> <li>2. Orientation Program</li> <li>3. Cleanliness Survey</li> <li>4. Survey of Public Places</li> <li>5. Swachhata rally</li> <li>6. Street Play/ Nukkad Natak</li> <li>7. Waste collection</li> <li>8. Wall Paintings</li> <li>9. Discussion regarding Biogas Plant</li> <li>10. Awareness Program about Covid-19</li> <li>11. Monthly meeting with students/ Villages/ Head of Institutes</li> </ol>
C-381	Sankalchand Patel College of Engineering, Visnagar	<ol style="list-style-type: none"> <li>1. Arrange Awareness and interactive session on Solution to Plastic Pollution to promote the awareness about the importance of treatment to plastic waste to the environment</li> <li>2. Tree Plantation program</li> </ol>

U-0147	Pandit Deendayal Energy University, Gandhinagar	<ol style="list-style-type: none"> <li>1. The regular activities are carried out in the mentioned villages.</li> <li>2. Pertaining to social and educational awareness as well as sensitization.</li> </ol>
U-0137	Gujarat Vidhyapith, Ahmedabad	<ol style="list-style-type: none"> <li>1. Complete survey of both villages.</li> <li>2. One Technology development project on smart class for sonipur village will be completed in 2020. Perennial Assistant award grant of 1,75,000 under utilization ongoing.</li> </ol>
U-0126	Central University of Gujarat, Gandhinagar	<ol style="list-style-type: none"> <li>1. Baseline Survey, Identification of Key Issues, Participatory Planning.</li> <li>2. Based on Technology identification and Proposing Solution: Two projects formulation under Technology Development and Customization of solution are approved with financial support.</li> <li>3. Sustainable Agriculture System - Groundwater treatment and purification using solar distillation System in Kakanu- Tarapur village, Gujarat</li> </ol>
C-402	Shri Sarvajanik Pharmacy College, Mahesana	<ol style="list-style-type: none"> <li>1. Arrange the meeting with sarpanch in the adopted villages.</li> <li>2. Arrange the village survey in the adopted villages.</li> <li>3. Arrange the household survey in the adopted villages.</li> <li>4. Arrange the yoga day celebration in the adopted villages.</li> <li>5. Arrange tree plantation in the adopted villages</li> </ol>
U-0647	R. K. University, Rajkot	<ol style="list-style-type: none"> <li>1. Timely village visit of adopted Villages</li> <li>2. Completed Survey of Villages</li> <li>3. Village Wise Problem Identification</li> <li>4. Drafting Solution for it</li> </ol>
C-6774	The knsb Ltd Arts And Commerce College, Kheralu	<ol style="list-style-type: none"> <li>1. Door to Door Survey Completed by group of students.</li> </ol>



		<ol style="list-style-type: none"> <li>2. Meetings with Village Sarpanch and Talati.</li> <li>3. Tree Plantation Program</li> <li>4. Organic Farming Awareness Program</li> <li>5. Meeting with sakhi mandals and made some suggestions.</li> <li>6. Health Awareness Programs</li> </ol>
C-45059	Hansaba College of Engineering and Technology, Siddhpur	<ol style="list-style-type: none"> <li>1. Survey work in villages</li> <li>2. Adopted two more villages.</li> <li>3. Tree Plantation Program</li> <li>4. Organic Farming Awareness Program</li> </ol>
C-260	D.I Patel Institute of Management And Technology, Himmatnagar	<ol style="list-style-type: none"> <li>1. Arranged Seminar on Computer Technology and spread awareness.</li> <li>2. Timely meeting with Sarpanch and Talati.</li> <li>3. Village Survey</li> </ol>
C-228	Shree Swaminarayan Institute of Technology, Gandhinagar	<ol style="list-style-type: none"> <li>1. Timely visit</li> <li>2. Meeting with sarpanch and Corporator of the village</li> <li>3. Household Surveys</li> <li>4. Eye checkup camps</li> <li>5. Seminar on cyber fraud and spread awareness</li> </ol>
C-6897	Maniben M. P. Shah Mahila Arts College, Kadi	<ol style="list-style-type: none"> <li>1. Door to Door Survey</li> <li>2. Had meeting with village sarpanch and talati</li> <li>3. Tree plantation program</li> <li>4. Organic Farming Awareness Program</li> <li>5. Demonstration and Exhibition of Modern agricultural Implements</li> <li>6. Health Awareness</li> <li>7. Save water Campaign</li> <li>8. Medical Check up camp</li> </ol>
C-443	Ganpat University U.V. Patel College of Engineering	<ol style="list-style-type: none"> <li>1. Every Sunday teaching subjects as per the annual planning. ("VolunTeaching")</li> <li>2. Sports Day Celebration</li> <li>3. Tree Plantation</li> </ol>

C-67429	Silver Oak College of Nursing	1. Health promotion activities to prevent Disease condition among rural people
C-55	Veerayatan Institute of Engineering	1. Village survey 2. Energy Literature program

Table 2.1 PI Activities

## 2.2 Non Functional/ Less Functional Participating Institute

Aishe Code	Institute Name	Reason
C-51523	Gyanmanjari Institute of Technology, Bhavnagar	They have not updated to phase 2 yet.
C-49668	Smt Savitaben Rameshbhai Vaghani Commerce College -Mahila College, Educational Campus	They have not updated to phase 2 yet.
C-162	Shri Labhubhai Trivedi Institute of Engineering and Technology, Rajkot 089	They have not assigned any coordinator yet.
C-47844	Dr.Subhash Technical Campus (695)	Recently they changed their coordinator
C-50313	A P Trivedi Arts, Commerce and Science College, Khorda	They have not updated to phase 2 yet.
C-58070	Dr.V.R.Godhania College of Engineering and Technology	Fund related issues
C-6775	The Sns Bank Ltd Mahila Arts College Mehtapura	Seed money was not released yet. (Issue Solved)
C-55815	Gmb Polytechnic Rajula	They do not know much about UBA
C-269	R.B.Institute of Management Studies (Sfi)-Ahmedabad 549	Coordinator for UBA is not decided yet after previous one left the institute
C-6806	D D Thakar Arts and K J Patel Commerce College	Lack of knowledge about UBA
C-6897	Maniben M.P.Shah Mahila Arts College, Kadi	Lack of knowledge about UBA
C-275	Dr.Subhash Technical Campus-083	Mistakenly did two registrations so only one is functional

C-6642	Shri U P Arts and Smt Mgp Sci and Shri Vls Comm College	Lack of knowledge about UBA
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### 2.3 Participating Institutes that requested help from RCI

Aishe Code	Institute Name	About
C-6710	Pramukh Swami Science and H D Patel Arts College Kadi	Fund Support and technical guidance
U-0647	R K University,rajkot	Need additional financial assistance for the proposed solution villagev wise.
C-6774	The Knsb Ltd Arts and Commerce College Kheralu	Need some financial support
C-45059	Hansaba College Of Engineering And Technology,siddhpur 098	They want to visit good villages in India who have done good work for village development.smart village visit
C-6897	Maniben M.p.shah Mahila Arts College,kadi	Need Some Financial Suppot
C- 67429	Silver oak college of nursing	Need resourses to organize health related days

### 3. Key Problems

Here are some generalized problems decided after discussion with PIs; which villages of Participating Institutes are facing.

1. Youth of the village are distracted by social media.
2. Migration
3. Lack of career opportunities and guidance
4. Lack of basic amenities
5. Lack of quality education
6. Do not have idea about Modern farming techniques
7. Water supply
8. Poor Solid Waste Management
9. Disposal of Wastewater

## 4. As Participating Institute

### 4.1 Introduction.

As part of UBA activities, IIT Gandhinagar decided to adopt five villages in Gandhinagar block of Gandhinagar district in Gujarat, which are Alampur, Dashela, Giyod, Dharampur, Lavarpur. So as a Participating Institute IIT Gandhinagar has to work for the development of these 5 villages.

### 4.2 Nawa Dharampur Village Visit.

Briefly introduce Dharampur village located in the Gandhinagar district of Gujarat, India. Outline the purpose of the report, which is to provide a comprehensive overview of the village based on a visit and discussions with Deputy Sarpanch Surendra Sinh and local villagers.

**Population:** The approximate population of Dharampur village is 1135, highlighting that the data is based on the 2011 census.

**Occupation:** The primary occupation in the village is farming along with animal Husbandry, with approximately 70% of the crop production being sold to the Agricultural Produce Market Committee (APMC).

**Education:** The literacy rate in the village is High. There are 70 percent students go for the study in outside schools.

**Infrastructure:** The public buildings in Dharampur village like Panchayat Office, School etc. are well-maintained and in good condition, providing necessary facilities for the community. They also have Dairy from where they sell milk products.

**Education Facilities:** Dharampur village has a primary school catering to students from grades 1 to 8. For higher education, students can access the nearby Vasna Gandhinagar High School.

**Electricity Provision:** The provision of electricity in Dharampur village is reliable, ensuring uninterrupted power supply to meet the needs of the residents.

**Water Sources:** Water sources in the village include bore wells and an Elevated Service Reservoir (ESR), which are in good condition, providing a reliable water supply. They are dependent on groundwater and do not have piped water supply.

**Road Infrastructure:** The roads in Dharampur village have been constructed under the Pradhan Mantri Gram Sadak Yojana, ensuring good connectivity within the village and to nearby areas.



**Solid Waste:** Solid waste management in Dharampur village is well-organized, with the collection of solid waste from door to door by a tractor.

**Wastewater:** There is a concern regarding wastewater disposal in a nearby lake. Proper wastewater management systems should be implemented to prevent environmental degradation and health hazards.

**Healthcare:** Primary Health Centre (PHC) - Due to the smaller population and area, Dharampur village does not have a dedicated PHC. The nearest PHC is located in Lekawada village, providing essential healthcare services to the residents of Dharampur village. The overall health of the villagers in Dharampur village is good, owing to the availability of pure resources and health awareness.

### **Challenges and Concerns:**

**Lack of Career Guidance:** There is a lack of career guidance for students in Dharampur village, which hampers their educational choices and future prospects.

**Mobile Phone Usage:** Excessive mobile phone usage among the youth has become a concern, affecting their study habits and overall productivity.

**Soil Erosion:** The issue of soil erosion caused by the Sabarmati River poses a significant challenge, leading to habitat loss for some villagers who are forced to relocate to their farms.

**Connectivity:** There is only one way for Entry and Exit for Dharampur village because of geographic conditions so they have to be careful about blockage of the road in bad weather conditions.

**Conclusion:** In conclusion, Nava Dharampur village exhibits strengths in its infrastructure, education facilities, and overall health. However, challenges such as the lack of career guidance, excessive mobile phone usage among youth. Nava Dharampur village can achieve sustainable development and enhance the quality of life for its residents.

### **4.3 Alampur Village visit.**

On 5<sup>th</sup> of March 2024 10.30 a.m. we went to Alampur village. We went to Panchayat office. Sarpanch and Talati of Panchayat were there. We carried out a detailed discussion based on the questionnaire we prepared earlier. Here is a detailed overview of the discussion.

**Overview:** Alampur village is located in the Gandhinagar district of Gujarat, India. It has a population of approximately 2899. The village is primarily engaged in farming and animal husbandry, taking advantage of the fertile Redsoil in the region And the School Teacher says renovate School Construction work.

### **Infrastructure:**

**Education:** Alampur village is equipped with two schools, including the Government Primary School and another primary and high school. These institutions cater to the educational needs of the local children, providing them with essential knowledge and skills.

**Healthcare:** The village benefits from a well-established Primary Health Centre, ensuring access to basic healthcare services for the residents. The healthcare facility plays a vital role in promoting the well-being of the community.

**Energy:** The village has a reliable electricity provision, ensuring a steady power supply to meet the needs of the residents. Additionally, around 15-20 households have adopted solar systems for their energy requirements, contributing to sustainable energy practices.

**Gas and Fuel:** While a gas pipeline is available in Alampur village, many residents still prefer using LPG for their cooking needs. This preference may be due to individual convenience and availability.

### **Challenges and Concerns:**

**Infrastructure:** Alampur village faces challenges in terms of infrastructure development. The road infrastructure is poor, affecting transportation and connectivity within the village and to nearby areas. The drainage system for rainwater needs improvement to avoid water stagnation and related issues.

**Water and Waste Management:** The village's ESR (Elevated Service Reservoir) is significantly damaged, which poses a concern for the water supply. Proper repair or reconstruction of the ESR is necessary to ensure a consistent and safe water supply to the residents. Additionally, there is a need for better management of sewage waste and solid waste disposal. The disposal of sewage waste in the lake can lead to environmental degradation and health hazards.

**Banking and ATM:** Alampur village is fortunate to have access to a bank and ATM facility. These financial services play a crucial role in facilitating transactions and financial inclusion within the community.

**Primary school:** due to not proper construction seepage problem in school building and less cleanliness in school toilet is very dirty.



**Location and Services:**

**Police Station:** The nearest police station to Alampur village is Chiloda, providing security and law enforcement services to the residents. It ensures the safety and well-being of the community.

**Distance:** Alampur village is situated in close proximity to major towns and cities in Gandhinagar district, making it convenient for residents to access additional services and opportunities.



This report provides an overview of Alampur village, highlighting its population, main occupation, infrastructure, challenges, and available services. It also emphasises the need for attention and improvement in areas such as road infrastructure, water and waste management, and the repair of the ESR. By addressing these concerns, the village can progress towards sustainable development and an enhanced quality of life for its residents.

Please note that the information provided above is based on the details you provided and may not be entirely accurate. It's always recommended to verify the information from reliable sources for an up-to-date and comprehensive understanding of the village.

#### **4.4 Dashela Village visit**

On 13 march 2024 11.00 a.m. We went to Dashela village. After that I went to the panchayat office. Talati and sarpanch were there. We carried out a detailed discussion based on the questionnaire we prepared earlier. Here is a detailed overview of the discussion.

##### **Overview**

This community report provides an overview of Dashela Village, situated in the Gandhinagar district. The report highlights the population, main occupations, soil types, educational facilities, healthcare services, infrastructure, and challenges faced by the village.

##### **Infrastructure**

Dashela village has a population of approximately 4482 residents, with animal husbandry and farming being the primary occupations. The village has a mix of red soil and black soil, which supports agriculture activities.

Educational facilities include a primary school catering to students from standard 1 to 8. In Dashela primary school smart boards are available for smart classes and Akshaya Patra midday meal available in the school. However, for higher education, students have to travel a distance of 6 kilometres.

The village is equipped with a good primary health centre, ensuring access to healthcare services.

Gas pipeline connections are available to around 90% of households, and eleven houses have solar systems installed.

The village has a bank for financial services. However, the construction of a new panchayat building has been delayed due to funding issues.

##### **Challenges and concerns**

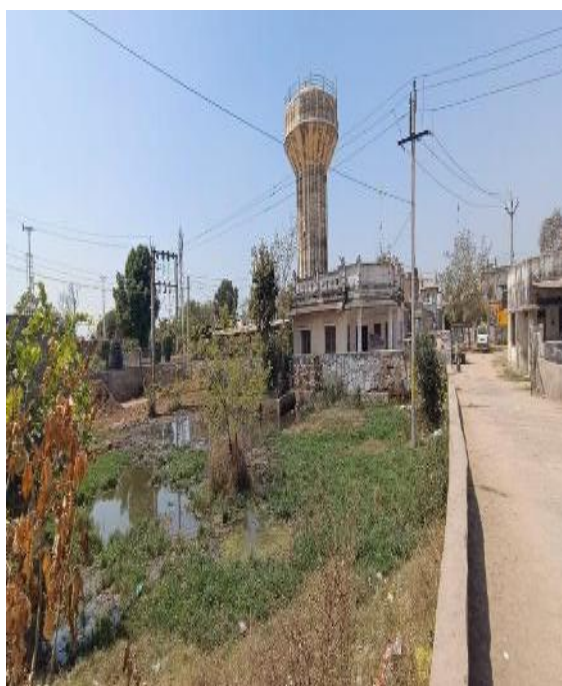
Dashela village faces several challenges and concerns. The existing Panchayat building is in a damaged condition, and the construction of a new building has been held due to funding issues with the contractor.

In school building cracks are developed in slab maintenance required.

Flow of house drainage collects in one village pond due to over flow of pond villagers get affected from different illnesses and due to accidents in pond 5 peoples dead in last 3 years in pond no drainage system available.

Solid waste management is a concern, as there is no door-to-door garbage collection facility available.

Students studying in the village school required proper career guidance for the future , this due to the illiteracy of their guardians.



## **Location, Services and Summary**

Dashela village is located in close proximity to IIT Gandhinagar. The village enjoys a moderate climate suitable for agriculture practices. Gas pipeline connection, electricity provision, and a bank facility contribute to the convenience of the residents. Efforts to enhance infrastructure, solid waste management, no drainage system available, and the panchayat building are needed to address the challenges faced by the villages. Providing career guidance to students can help overcome the educational concerns arising from the illiteracy of their guardians.

### **4.5 Giyod Village visit**

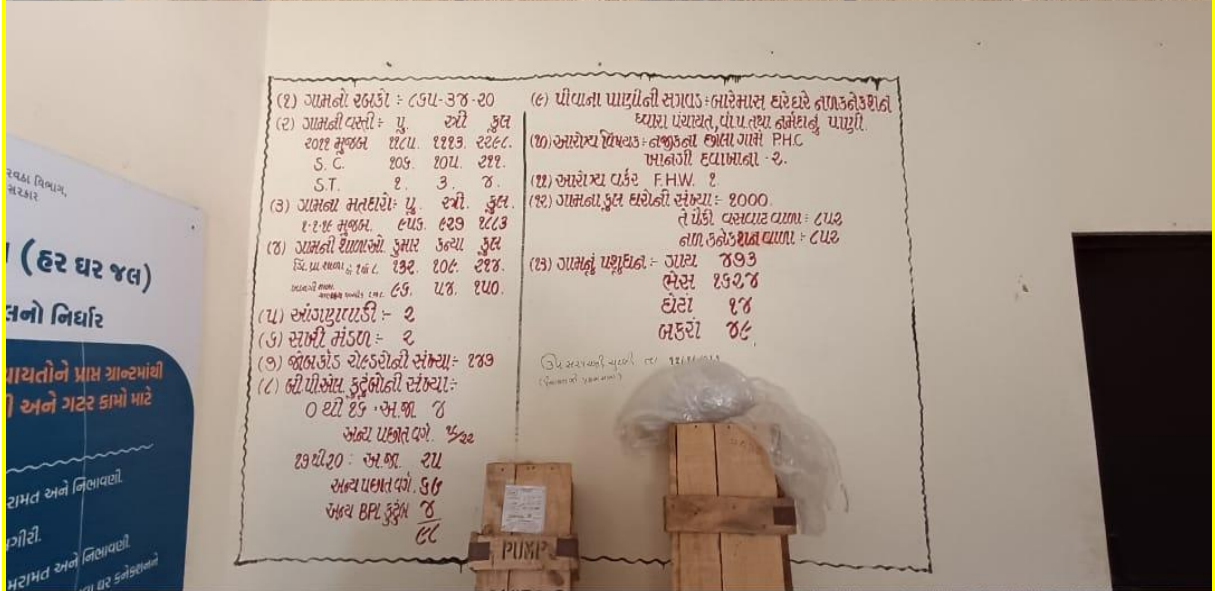
On 27 march 2024 11.30 a.m. We went to Giyod village. After that I went to the panchayat office. The sarpanch was there. We carried out a detailed discussion based on the questionnaire we prepared earlier. Here is a detailed overview of the discussion.

#### **Overview**

This community report provides an overview of Giyod Village, situated in the Gandhinagar district. The report highlights the population, main occupations, soil types, educational facilities, healthcare services, infrastructure, and challenges faced by the village.

#### **Infrastructure**

- Giyod village has a population of approximately 2200 residents, with animal husbandry and farming being the primary occupations. The village has a mix of red soil and black soil, which supports agricultural activities.
- Educational facilities include a primary school catering to students from standard 1 to 8. Akshaya Patra's midday meal is available in the school. However, for higher education, students have to travel a distance of 4 kilometres.
- The village is equipped with a good primary health centre, ensuring
- Access to healthcare services every Wednesday Mamata Divas program is held which is related to Health and Nutrition Day, immunisation, process evaluation in urban slums and The healthcare facility plays a vital role in promoting the
- well-being of the community.
- Water Supply from tube wells and wells is available to fulfil the water needs for the year and also in summer.
- An agricultural credit society is available in this village.
- A Post Office is not available in this Village.
- Two Anganwadi centres are available in this village.
- The provision of electricity in Giyod village is reliable, ensuring uninterrupted power supply to meet the needs of the residents



## **Challenges and concerns**

- Giyod village faces several challenges and concerns. Closed Drainage System or drainage system is not Available in this Village. There is no sewage and garbage collection system in the village.
- There is no bank branch and no ATM available for transactions of any type.
- No Private Courier Facility in less than 10 km.
- Solid waste management is a concern, as there is door-to-door garbage collection facility not available.
- While a gas pipeline is not available in Giyod village, many residents still prefer using LPG for their cooking needs. This preference may be due to individual convenience and availability.

## **Location, Services and Summary**

Giyod village is located in close proximity to IIT Gandhinagar. The village enjoys a moderate climate suitable for agriculture practices. Electricity provision, 24/7 water availability, Efforts to enhance infrastructure, No solid waste management, no drainage system available, and they are demanding for a wastewater network. Providing career guidance to students can help overcome the educational concerns arising from the illiteracy of their guardians.

### **4.6 Lavarpur village visit**

On 9<sup>th</sup> April 2024 11.00 a.m. We went to Lavarpur village. After that, I went to the panchayat office. The sarpanch was there. We carried out a detailed discussion based on the questionnaire we prepared earlier. Here is a detailed overview of the discussion.

#### **Overview**

This community report provides an overview of Lavarpur Village, situated in the Gandhinagar district. The report highlights the population, main occupations, soil types, educational facilities, healthcare services, infrastructure, and challenges faced by the village.

#### **Infrastructure**

1. Lavarpur village has a population of approximately 2384 residents, with animal husbandry and farming being the primary occupations. The village has a mix of red soil and black soil, which supports agriculture activities.
2. Educational facilities include a semi-government primary school and one government school up to standard 12. In Lavarpur primary school smart boards are available for smart classes in Akshaya Patra midday meal is available, small water tanks and toilets are available in the school.

3. The village benefits from a well-established Primary Health Centre, ensuring access to basic healthcare services for the residents. The healthcare facility plays a vital role in promoting the well-being of the community.
4. Gas pipeline connections are available to around 90% of households, and The village has a reliable electricity provision, ensuring a steady power supply to meet the needs of the residents. Additionally, around 30-50 households have adopted solar systems for their energy requirements, contributing to sustainable energy practices.
5. The village has two banks for financial services, one ATM, and a Post office available in this village.
6. Water sources in the village include bore wells and an Elevated Service Reservoir (ESR), which are in good condition, providing a reliable water supply. They are dependent on groundwater and do have a piped water supply.
7. Solid waste management is a concern, as there is a door-to-door garbage collection facility available.
8. Lavarpur village has a large number of animal husbandry and it produces effective milk share in the dairy industry.



## **Challenges and concerns**

Lavarpur village faces several challenges and concerns. There is a pond in the village near the residents' houses full of sludge and drainage water. There are high chances of an accident which is a big problem for the area.

a sewage treatment plant available in the village but it is not working due to not proper maintenance. Due to this it is closed.

## **Location, Services and Summary**

Lavarpur village is located in close proximity to IIT Gandhinagar. The village enjoys a moderate climate suitable for agriculture practices. Gas pipeline connection, electricity provision, and a bank or ATM facility contribute to the convenience of the residents. Efforts to enhance infrastructure, solid waste management, no drainage system available in this village. Providing career guidance to students can help overcome the educational concerns arising from the illiteracy of their guardians.

## **5. Report On the Orientation Workshop**

### **Orientation Program for Participating Institutes under Unnat Bharat Abhiyan**

**September 24, 2023, IIT Gandhinagar**

Attendees: Participating Institutes

Date: 24th September 2023

Venue: Academic Block 7, 102, IIT Gandhinagar

Time: 09:30 AM to 3:00 PM

The Orientation workshop for the Participating Institutes (PIs) under UBA was held on 24th September 2023 at IIT Gandhinagar which is the Regional Coordinating Institute (RCI) for 71 PIs under UBA. 13 participants attended out of 25 expected participants in phase 1 of Orientation Program (The list of Attendees is attached with this report).

### **Session 1: Inauguration**

In the inaugural session, Prof. Pranab K. Mohapatra, Coordinator of UBA at IITGN welcomed the participants and gave a brief introduction about UBA and role of PIs.

Prof. Amit Prashant, Dean of R & D, IIT Gandhinagar in his address emphasized the importance of village development. He discussed with the participants the importance of education, health, living conditions and livelihood for the development of villages and encouraged the PIs to work sincerely in their respective adopted villages.



Prof. Virendra Kumar Vijay, Centre for Rural Development and Technology,

National Coordinator- Unnat Bharat Abhiyan program of Ministry of Education, Govt of India

Coordinator- Biogas Development and Training Centre of MNRE, Govt of India attended the inauguration session virtually. He discussed every aspect of UBA and also talked about the growth of UBA and how sustainable development can be achieved at village level by connecting villages to Higher education institutes.

### **Session 2: Rural Development Approaches Appropriate for UBA Institutions**

The discussion in this session was about the Rural Development Approaches. In his presentation Prof. Pranab Mohapatra discussed the following: How to approach a village and How to involve villagers in terms of associated persons, and can take help to decide the place of meeting, time of meeting and manner of approaching.

### **Session 3: Leveraging entrepreneurial opportunities in villages**

In this session, Dr. P. P. Sahu discussed the following: Comprehensive guide for promoting entrepreneurship in rural areas. A structured approach, highlighting key questions, diverse target groups, government schemes, and cross-cutting issues. It emphasizes inclusivity and underscores the importance of factors like gender equality, governance, and technology in rural entrepreneurship development.

### **Session 4: NEEV Program at IIT Gandhinagar**

During this session, the discussion was about the “NEEV Program”. In her presentation, Mrs. Soumya Harish from IIT Gandhinagar discussed the following: Objectives, Vision and Mission of NEEV Program and some success stories.

NEEV is a community outreach program at IIT Gandhinagar. It is actively working to bridge the knowledge and communication gap by offering comprehensive training and mentoring, thus, helping the growth of employability and entrepreneurial mind-set of surrounding communities.

Projects under NEEV Program:

1. Stitching skills training course

2. Entrepreneurship development workshop
3. Spoken English & Communication- skills workshop
4. Computer skills training course
5. Vocational skills training course.

### **Session 5: Subject Expert Groups**

In this session, Prof. Pranab Mohapatra discussed all the Subject Expert Groups, methodology of intervention and prospective technologies.

### **Session 6: Open discussion/ Update on UBA Activities**

Each participant presented an update of the work under UBA and shared their experiences and difficulties in their adoption.

The workshop ended with a vote of thanks.

## **6. Workshop on Integrated Rural Water Management: Completion Report**

This report is about the successful completion of the workshop on "Integrated Rural Water Management" organized by the Regional Coordinating Institute of Unnat Bharat Abhiyan -Indian Institute of Technology, Gandhinagar and discipline of Civil Engineering. The workshop, held on 18th June 2023, aimed to educate nearby village students about sustainable water management practices and the importance of water conservation.

The workshop followed a well-structured timetable of activities and received positive feedback from participants, and local community representative Sarpanch in attendance. Below is a detailed overview of the activities conducted during the workshop:

Arrival and Distribution of Workshop Materials (10:00 am - 10:30 am): Participants were warmly welcomed at AB 3, FF-205 and provided with diaries, pens, and bags to facilitate their engagement in the workshop. There were 17 participants along with their Representatives of Alampur Village.

Presentation on Integrated Rural Water Management (10:30 am - 11:30 pm): A comprehensive presentation on integrated rural water management was delivered, covering various techniques and practices. The presentation included the following topics:

a) Rainwater Harvesting: The concept and benefits of rainwater harvesting were explained, focusing on the collection and storage of rainwater for future use. Different methods of rainwater harvesting, such as rooftop rainwater harvesting, surface water storage, and groundwater recharge, were discussed, along with their applicability in rural areas.

b) Groundwater Recharge: The significance of groundwater recharge and its connection to sustainable water management were discussed. Participants learned about techniques such as recharge wells, percolation tanks which promote the replenishment of groundwater sources.

c) **Water Conservation in Agriculture:** The presentation covered water conservation practices specific to agriculture, including efficient irrigation methods (drip irrigation, sprinkler systems), crop rotation, and crop selection based on water availability. The aim was to educate participants about sustainable farming techniques that optimize water usage.

d) **Community-Based Water Management:** The importance of community participation in water management was emphasized. Participants were introduced to community-driven initiatives such as water users' associations, community ponds, and water committees. These approaches foster collective responsibility and sustainable utilization of water resources.



Speech of Subject expert was conducted by Pranab Mohapatra sir (11:30 am - 12:00 pm): The session commenced with an introduction to water Management, Importance of water, water conservation with examples and facts. It was a very interesting session for students.

Lunch Break (12:30 pm - 1:30 pm): Participants were provided with a well-organized lunch break, allowing them to refresh and network with fellow attendees and facilitators.



Visit to Jal Mandap (1:30 pm - 2:00 pm): Participants were taken on a visit to Jal Mandap, where they observed and learned about practical applications of water management techniques. This experiential learning opportunity allowed them to witness firsthand the implementation of sustainable water management practices.

Documentary Screening: "When Every Drop Counts" (2:00 pm - 2:30 pm): Back in the classroom, a documentary titled "When Every Drop Counts" was screened. The documentary focused on rainwater harvesting and showcased successful case studies of its implementation in various regions. This audiovisual presentation served as an additional learning tool to reinforce the concepts discussed earlier.



Interactive Session and Q&A (2:30 pm - 3:00 pm): Participants actively engaged in an interactive session facilitated by experts in the field of water management. They had the

opportunity to clarify their doubts, seek guidance on specific challenges faced in their respective villages, and discuss potential implementation strategies.



Closing Ceremony and Prize Distribution (3:00 pm - 3:30 pm): The workshop concluded with a closing ceremony, where Prizes were awarded to the Quiz winners. The importance of their role as ambassadors of sustainable water management was reiterated, urging them to apply the knowledge gained for the betterment of their communities.





Overall, the workshop on "Integrated Rural Water Management" proved to be a valuable learning experience for all participants. The diverse range of techniques and practices covered during the presentation, combined with practical demonstrations, enhanced their understanding and capacity to contribute to sustainable water management efforts in their villages.

We express our sincere gratitude to all the speakers, volunteers, and participants who made this workshop a resounding success. We are confident that the knowledge and awareness imparted during this workshop will positively impact the lives of rural communities and contribute to the sustainable development of the region.

Enclosed with this report, you will find photographs capturing key moments from the workshop.

Thank you for your continued support in our endeavors to promote sustainable development and empower rural communities through education and awareness.

## **7. Career Guidance Session at Vidya Raj Vidhyalay, Alampur**

On June 12, 2023, we had the privilege of visiting Vidya Raj Vidyalaya school in Alampur village to conduct a career guidance session for the 11th-grade students. The session was organized for a combined class comprising students from science, commerce, and arts streams. The primary objective of the session was to enlighten the students about the diverse range of career choices available to them upon completing their 12th grade.

During the session, we provided comprehensive information on various career options, ensuring that students from all streams could explore their areas of interest and make informed decisions.

We discussed potential career paths for students interested in science, such as engineering, medicine, research, and technology. For commerce students, we highlighted opportunities in

finance, accounting, marketing, entrepreneurship, and business management. Additionally, we emphasized the scope of careers in the arts field, including fine arts, performing arts, literature, journalism, and design.

. We encouraged them to explore various online platforms, where they can gain further insights into different professions, required qualifications, and necessary skill sets.

We also emphasized the importance of self-assessment, goal setting, and continuous learning to thrive in their chosen fields by doing SWOT Analysis.



## **8. Workshop Report: 2-Day Workshop on Community Outreach Programmes by HEIs of India**

Date: 3-4 November 2023

Venue: NIRDPR Campus, Hyderabad

### **Introduction**

I had the privilege of attending the "**2-Day Workshop on Community Outreach Programmes by HEIs of India through No-cost and Low-cost Activities**" organized by the National Institute of Rural Development and Panchayati Raj (NIRDPR) on November 3-4, 2023, in Hyderabad. This workshop aimed to equip Higher Education Institutions (HEIs) with the knowledge and skills to foster social responsibility and contribute to community development, aligning with initiatives like the Unnat Bharat Abhiyan of the Government of India.

### **Workshop Objectives**

The workshop's objectives were as follows:

1. To empower HEIs with the skills to build partnerships with local institutions, addressing societal issues and contributing to community betterment.
2. To provide HEIs with cost-effective approaches for impactful social responsibility initiatives, enhancing social and environmental outcomes within financial constraints.
3. To equip participants with knowledge of Government of India's rural development programs, enabling HEIs to amplify their impact in grassroots community development.

### **Workshop Contents**

The workshop covered a range of topics, including engaging with rural communities, innovative approaches to development inquiry, government priorities, community engagement strategies, Gram Panchayat Development Plans, sources of funds for Gram Panchayats, environmental sustainability, drafting quality proposals in alignment with government priorities, and schemes and programs available for research and development by HEIs. Here is the content discussed by the respective faculty in each session.

### **Rural Development and Panchayati Raj System by Dr R Ramesh**

- Discussion about Panchayati Raj and How it works
- Planning at Gram Panchayat level
- Planning Period For GPDP
- Recent GPDP of Panchayat are available on e-gramswaraj website



- Data required to Plan GPDP will be available on Mission Antyodaya Portal, SECC, By Participatory Rural Appraisal and Official records of Gram panchayat Office.

**Rural Development Data (Mission Antyodaya), Rural Development Planning (GPDP and e-gramswaraj Portal), Resource Mapping by Dr. S Kathiresan**

- Scheme based activities
- Schemes on web portal of Ministry of Rural Development and Ministry of Panchayati Raj
- Detailed explanation of Mission Antyodaya and e-gramswaraj

**Sansad Adarsh Gram Yojana (SAGY) by Dr Lakhan Singh**

- How SAGY and UBA can be combined
- Benefits of pairing UBA and SAGY
- SAGY Website
- Non Infrastructural Development
- Video Documentary

**UBA Experiencing Sharing from Gandhigram by Prof. K Ravichandran**

- Prof. K Ravichandran is Coordinator of GRI, Tamilnadu RCI which is one of the most functional RCI in UBA. He shared his experience and also explained how to deal with problems while approaching any village

**Rural Engagement: No cost & low cost Activities & Introduction to LSDGs by Dr. R Ramesh**

- Importance of Rural engagement
- Review of Compendium
- PRA for UBA Institutions

**Self Help Group, FPOs, Micro credit, Micro & Small Enterprises; Programmes that support by Dr Jyoti Prakash Mohanty**

- SHGs
- FPOs
- Resource Mapping
- Example of Sabai Grass products by ORMAS

**Programmes that promote Rural Energy Systems by Mr MD Khan**

- Mr MD Khan is Head of “Rural Technology Park”, NIRDPR
- Insights of RTP
- How small innovative idea solves big problems

**Key Takeaways**

During the workshop, I gained valuable insights into strategies for effective community engagement, resource utilization, and aligning our efforts with the priorities of the

Government of India. The emphasis on low-cost and no-cost activities highlighted the potential to create a significant impact with limited resources.

### **Workshop Methods**

The workshop adopted a participatory approach, with group activities, presentations, games, and lectures. The use of multimedia and real-life case discussions enhanced our learning experience.

### **Participants**

The workshop was attended by Regional Coordinating Institutions (RCIs) of Unnat Bharat Abhiyan (UBA) and active Principal Investigators (PIs) nominated by RCIs. It was exclusively designed for RCIs and active PIs of UBA. A total of 25 participants were admitted on an Early Bird Registration basis.

### **Conclusion**

In conclusion, this workshop was a valuable experience that provided essential insights into community outreach programs and social responsibility initiatives. The knowledge and strategies learned during the workshop have the potential to benefit our institution in contributing to the betterment of our local communities.

### **Recommendations**

Based on the workshop content, I recommend that our institution explore opportunities for collaboration with local institutions and government programs to enhance our community engagement initiatives.

As the duration of preparation of GPD for the village started from 2<sup>nd</sup> October 2023 it's recommended to have discussion with Village authorities on an earlier basis.

As an RCI Institute, this knowledge should pass on to the Participating Institute so that they can approach their village accordingly.

## Attachments





 **Workshop on**  
**Community Out-reach Programmes by HEIs of India**  
**through No-cost, Low-cost Activities**  
**03 - 04 November, 2023**




**Centre for Rural Infrastructure**  
**National Institute of Rural Development & Panchayati Raj**  
**Ministry of Rural Development, Government of India**  
**Rajendranagar, Hyderabad - 500030**



## **9. National Workshop Report: Unnat Bharat Abhiyan**

The two-day National Workshop for Regional Coordinating Institutions under the Unnat Bharat Abhiyan was held at the National Coordinating Institute, IIT Delhi, on 18th and 19th March 2024. The workshop aimed to foster collaboration and knowledge sharing among participating institutions towards rural development.

### **Day One Highlights (18th March 2024)**

The first day commenced with an introduction and briefing on Unnat Bharat Abhiyan by Prof. Virendra Kumar Vijay, the National Coordinator. This was followed by an address from the Guest of Honour, Prof. P.K Dashora, who emphasized the importance of strategic planning and assessment in rural development initiatives.

In the second session, representatives from nearly 20 Regional Coordinating Institutes (RCIs) presented their work and activities, showcasing a diverse range of projects aimed at addressing rural challenges.



The last session of the day involved discussions with the Assessment Committee, providing an opportunity for participants to seek clarification and share feedback on their initiatives.

The concluding session was conducted by Prof. Vivek Kumar, the National Co-Coordinator, summarizing the key takeaways and thanking all participants for their contributions.

### **Day Two Highlights (19th March 2024)**

The second day was dedicated to the program named "Adhyayan: Research Methodology and Technique in Tribal Studies." The first session began with "Asmita: Darshan, Sanskriti, Dharma, Parampara, and Sabhyata" by Shri Harsh Chouhan Ji & Prof. Vivek Anand. This was followed by "Astitva" by Shri Girish Kuber Ji & Dr. Milind Dandekar.

The second session focused on "Vikas" by Shri Rajaram Katara Ji & Shri Vaibhav Surange, followed by discussions on the syllabus for tribal studies by Prof. Vivek Kumar and research methodologies by Dr. Piyashi Datta & Dr. Binod Kumar.

An open discussion was held afterward, allowing participants to exchange ideas and insights on tribal studies and rural development.



The workshop concluded with a vote of thanks by Prof. Virendra Kumar Vijay, expressing gratitude to all participants for their active participation and valuable contributions.

The National Workshop for Regional Coordinating Institutions served as a platform for collaboration, learning, and capacity building in the realm of rural development. The diverse range of sessions and discussions provided participants with valuable insights and tools to enhance their efforts towards building sustainable and inclusive rural communities under the Unnat Bharat Abhiyan.

## 10. Workshop at Pandit Deendayal Energy University

At a workshop held on March 15, 2024, at Pandit Deendayal Energy University, organized by UBA, we had Prof. Pranab Mohapatra as the Regional Coordinator. He shared his valuable insights on rural development. The session involved active participation from students, making it an engaging two-way communication.

The workshop mainly centred around improving rural lifestyles by achieving Sustainable Development Goals (SDGs). Prof. Mohapatra focused on bridging the gap between urban and rural areas by providing urban amenities to rural communities. The discussion revolved around practical strategies and solutions to uplift rural living standards.



The key takeaway was how we can implement measures to enhance the quality of life in rural areas, ensuring they have access to basic necessities and modern conveniences. It highlighted the importance of sustainable development practices in addressing rural challenges and fostering inclusive growth. Overall, the workshop aimed to inspire action towards creating positive change in rural communities.