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MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
UNNAT BHARAT ABHIYAN CELL
Wholesome Rural Development Through Techno-Social Initiatives

REPORT OF
PRIMARY RAIN WATER HARVESTING
RICTOLI, RATNAGIRI CLUSTER
UNDER UNNAT BHARAT ABHIYAN 2.0
DATE: MARCH 30, 2019



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INTRODUCTION

Unnat Bharat Abhiyan is the flagship program of Ministry of Human Resources Development (MHRD), Government of India. The vision of UBA is to involve professional and higher educational institutions in development of rural areas in our country to achieve sustainable development and better quality of life. One Faculty and 4 students visited **Rictoli** village of **Ratnagiri cluster** for the **Rain Water Harvesting Primary Survey**. The main aim of the visit to find the by surveying the village & finding the solutions for the same.

List of visitors to Rictoli village

Dates: 07/02/2018 to 12/02/2019

| Sr.No | Name | Designation | Contact No. |
|-------|----------------------------|-----------------|-------------|
| 1 | Prof.Narendra N. Bhostekar | Asst. Professor | 7715812582 |

| Sr.No | Name | Year | Department |
|-------|------------------|------|------------|
| 1 | Mr.Parvez Shaikh | TE | EXTC |
| 2 | Mr.Chirag Bhoir | TE | MECH |
| 3 | Mr.Pratik patel | TE | EXTC |
| 5 | Mr.Amit Bajpai | TE | EXTC |

OBJECTIVES

1. The Objective for the survey was to check the rain water harvesting systems in the village and build new systems for storing the water that can be used in summers.
2. Teaching the villagers about rain water harvesting the villagers.
3. To check the rain water harvesting systems and to research about the water sources available in the village.
4. To help the villagers in building new water systems

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GRAMSABHA WITH RICTOLI VILLAGE

In the GramSabha of Rictoli village, the villagers discussed about the problems faced by the villagers during the summers due to some lack of water for agriculture and other essential use needs. The villagers and the UBA cell RGIT had a meeting in which the sarpanch of the village mentioned the issues faced by the village.

UBA cell RGIT and the village GramSabha discussed about the solutions and the measures to be taken to solve the problems. Discussion about conservation of water resources and rain water harvesting to conserve the water for later use.



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Village: Riktoli

| | |
|---------------------------------|---------------------------------|
| Gram Panchayat | Rictoli |
| Tehsil | Chiplun |
| District | Ratnagiri |
| Post Office | Durgvadi, 415606 |
| Area | 534 hectares |
| Main Crop | Rice |
| Population | 289 |
| Survey Date | 11/02/2019 |
| Families Surveyed | 73 |
| Nearest Police Station | Shirgaon |
| Health sub-centre | Tivare |
| Number of Schools | 1 (Primary School) |
| Nearest College | DBG Chiplun, Mohan Vidya. Akale |
| Nearest Bank | Bank of India, Akale |
| Electricity Operator | MSEB |
| Load Shedding | Rarely |
| Electricity Availability | 24/7 |
| Water Supply | Wells |

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GALLERY OF WATER RESOURCES SURVEY IN VILLAGE:



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OUTCOMES

1. Nala Bunding is not possible due to Earthquake occurred around a decade ago.
2. After discussing with the villagers and analysis of the site we got the information about the water resources and facilities that they are trying to avail from government.
3. We got the solutions and ideas for redevelopment of the water resources.
4. Conducted meeting with the migrated villagers in our institute and discussed possible Rain water harvesting ideas.
5. The migrated villagers were made aware regarding the Unnat Bharat Abhiyan initiative.