**BHAILALBHAI & BHIKHABHAI INSTITUTE OF TECHNOLOGY**

VALLABH VIDYANAGAR

**BBIT SSIP CELL**

***PROJECT PROPOSAL***

* **Project Proposal**

Title of Project: HOW TO RECYCLE WATER OF WASHBASIN

Institute Name: BHAILALBHAI & BHIKHABHAI INSTITUTE OF TECHNOLOGY

Area/Theme of Project: RECYCLE WATER

Team Leader Name: TARUN CHAUHAN

Team Leader Contact No.: 8000293941

Team Leader Email ID: tarunchauhan1128@gmail.com

* **Details of Team Members**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of the Student** | **Branch** | **Enrollment No.** | **Semester** | **Contact No.** | **E-mail ID** |
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1. **Description of the Project:**

This project is basically describing how the water which is wasted during washbasin activities can be reused by some process or treat-ment through which we can clean the water and make it useful for

other purposes.

1. **Objectives of the Project:**

Water is essential natural resource for sustaining life and environment, which is always thought to be available in abundance and free gift of nature. Textile industries are one of the major consumers of water and disposing large volumes of effluent to the environment. So, our main objective will be to treat this wastewater and make it useful for other purposes.

1. **Current status of Idea/Project**:

* Analysis of difference water treatment
* From
  1. 1 Hotel
  2. 2. Residency Building
  3. 3. Hostel
  4. We will try to developed a wash basin as per required.

1. **Methodology of the Project**:

Majorly, four methods of washbasin water treatment are followed – physical, biological, chemical, and sludge water treatment. By following these methods, the wastewater is disinfected from all the washbasin water and converted into treated water that is safe for both human and environment.

1. **Output for the Project:**

The main goal of wastewater treatment facilities is to protect humans and the ecosystem from harmful and toxic elements found in wastewater. Water treatment facilities were designed to speed up the natural process of purifying water because the natural process is overloaded.

1. **Cost Analysis for the Project:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **ITEM** | **QUANTITY** | **RATE** | **UNIT** | **AMOUNT**  **(Rs.)** |
| **1** | **WASHBASIN** | **1** |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **TOTAL** | | | | |  |

|  |  |  |
| --- | --- | --- |
| Signature & Name  Team Leader | Signature & Name  Mentor | Signature with stamp & Name  Head of the Department |

Notes:

1. Project needs to be submitted to BBIT SSIP Coordinator
2. Support will be given as per rule of SSIP-Gujarat and subjected to approval of institutional SSIP committee.
3. Project progress needs to be updated every month.
4. Completed project will be property of BBIT-SSIP cell
5. Any material /equipment/software etc will be BBIT-SSIP property
6. Attach extra sheet if required