A Project Report
On

"DESIGN & BUILDING OF A MECHANICAL FLUID FLOW SYSTEM FOR WASTE WATER RECYCLING FOR USE OF FLUSHING & GARDENING"

Submitted To

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ABSTRACT

Now a days, water is a scarce and precious natural commodity specially in country like india . It is also called “LIQUID GOLD” . For example , every washing for two persons generate approximately 100 litres waste water , therefore it is essential to conserve the water and utilize it in efficient manner

The project aims to conserve the water by successfully collecting the exhaust water of washing water of washing machine and kitchen basin and recycling it to make it fit for use in flushing commode . The project aims to develop a system of filters that can help to remove the impurities like suspended particles , dust , dirt , grease , detergent chemicals dissolved in water . The filter elements contain: Alum , silica gel , calcium carbide ,sand and mesh filter .

The methods of water circulation can be : (1) Gravity flow

(2) Using a pump