

Title : DRY TOILET

Current Stage of the Technology : Prototype In Progress

Estimated Capital Cost,If Quoted (In Rs): 0

Waste Management : Both Solid and Liquid Waste Management

Cost Per Unit : A.(In Rs)1000.00

B. i. Capacity (Minimum) 0 Cost (In Rs)0.00

ii. Capacity (Maximum) 0 Cost (In Rs)0.00

Patent filed : No

Patent Application Number : --

Patent granted : No

Patent Number : --

Provide Video Link : --

Key Word : --

Summary of the Product : DRY TOILET IT IS A WATER LESS SOLUTION FOR TOILET. IT HAS TWO FLOORS GROUND FLOOR AND FIRST FLOOR. FIRST FLOOR HAS A HOLE. A PERSON NEEDS TO SQUAT AROUND A HOLE. EXCRETA FALLS DOWN IN GROUND FLOOR AND URINE COLLECTS IN A CONTAINER PLACED ON GROUND FLOOR. FIRST FLOOR IS A STORE FOR DRY SOIL, DUNG OF COW,GOAT WITH A SHOVEL.WHEN YOU ARE DONE WITH YOUR BUSINESS JUST ADD A SHOVEL FULL OF DRY SOIL. BACTERIA CONVERT EXCRETA IN TO HIGH QUALITY FERTILIZER. GROUND FLOOR IS PROVIDED WITH PROPER VENTILATION AND A REMOVABLE OPENING. AFTER SIX MONTHS MIXTURE OF SOIL AND EXCRETA IS KEPT UNDISTURBED FOR SIX MONTHS TO GET A HIGH QUALITY FERTILIZER. IN THIS SIX MONTHS HOLE IS CLOSED AND OTHER HOLE IS USED TO RELIEVE. SAME PROCEDURE IS FOLLOWED FOR NEXT SIX MONTHS. REMOVABLE OPENING IS USED TO REMOVE FERTILIZER FROM GROUND FLOOR. THIS IS VERY SAFE AND HYGIENIC WAY TO CONVERT HUMAN WASTE IN TO A HIGH QUALITY FERTILIZER. ANAL CLEANING IS DONE WITH A HELP OF A PORTABLE TOILET BIDET. IN THIS WAY WE CAN SAVE MILLIONS LITERS OF WATER EVERY YEAR. STORED URINE WILL BE USED DIRECTLY OR WITH MIXING WITH WATER. HUMAN WASTE IS A GREAT SOURCE OF FIBER, PROSPEROUS, NITROGEN AND AMMONIA. ALL THESE ARE ESSENTIAL SOIL NUTRIENTS

Design Capacity : it can be made in different designs

Treatment Protocol : --

Post Treatment handling Protocol : --

Operations and Maintenance Cost and Protocol : very less maintenance

Certification of Product : --

Ease of Operations and Management : it is very easy to use and maintained.

Interference with Ecosystem : it fully environmentally. as it is water less millions liters of water is saved every year. we get ready to use much needed fertilizer full of fiber,phosphorus,nitrogen and

ammonia. soil needs all these nutrients.

Test Trailed : Whether Test Trailed/Implemented : No

Competitors : no competitors

About Innovator and Contributors : i am 37 years old staying pune. i am employed in a private company in pune.

Contributors :

S.No	First Name	Last Name	E-Mail Address	Organisation	Mobile No.
1	SURYAKANT	GAIKWAD	suryakantgaikwad97@yahoo.com	SRG Sanitations	9923553469