

Toilet Cott developed by lathe worker Mr.Saravanamuthu

Mr. Saravanamuthu (37) studied up to 3rd standard. Now he is working as skilled labourer in a private lathe workshop in Nagarkoil, Tamil Nadu. He is living with economically low status with his wife and 2 children. He is creative in developing new prototypes which are benefitting farmers, house wives, students(student project work including Maza, Arvind awarded by NIF). During sundays and leisure time in the night he work on his new concepts and developed prototypes include manual coconut de-husker, fan attached lathe equipment, avoiding accident in buses, rat trap, coconut grater etc.,

The innovations developed by Mr Saravanmuthu has been appreciated by the local neighbor residents in Nagarcoil and they organised a grand meeting and felicitated him in a Hall on 24-04-2016. Representatives of local news media, teachers, parents and friends numbering about 100 gathered and felicitated him. His innovations have been displayed and exhibited and demonstrated. Insapite of his low income as labourer his zeal and enthusiasm for creativity is unimaginable. By reading news paper in Delhi fog pollution he is attempting to come out a protpye in two wheelers which sunk carbon deposits from atmosphere.



Mr Saravanmuthu is sitting in the centre

1. Toilet attached Cott with Automatic cleaning system through Remote control



Few years back he thought of problems faced by patients or elderly people who are unable to walk on their own and it is very difficult for them to attend their nature call. In order to relieve their problems he designed a steel cot with facilities for toilet attached to it and it is operated by a remote control / switch. 3 separate switches for opening the toilet and cleaning the toilet flush with water This will also clean the toilet with water and taken to a bucket kept out side or some distance away from the cot. He has sold one piece to Mr. Gurumurthy, Chennai for using this cott to his age old mother (cost was Rs. 75,000; contact number of Mr. Gurumurthy - 9445689993). He also applied his entry to National Innovation Foundation and interested to apply for patent. There is lot of enquiries and demand for this cot and he wanted to market once IPR is obtained through patent. He has been awarded by National Innovation Foundation during 2018.

He developed 4 types of cotts attached with toilet:

He	Rs.
1. Ordinary model cott	- 60,000
2. Improved model cott	- 80,000
3. Super model cott (fast moving)	- 1,20,000
4. High quality model cott	- 1,45,000
5.	

2. **Safe breathing kit**



In order to get pure air from atmosphere Mr. Saravanamuthu has designed a safe respiratory kit for those who work underground or in septic tanks where asphyxiation is possible. The device can be fitted through a ribbon belt which is to be tied around the waist. The kit has 2 fans which are operated through 3 battery each 4 amps) to generate 12 voltage electricity. This can be charged. There is also UV lamp which sterilize the air and kills bacteria / harmful microorganisms. It is filled with 100 ml water which also filters dust. Switch is attached in the belt. It cost Rs. 6000 / - and so far he has delivered one kit for testing purpose.

Address of Innovator :

Mr. Saravanamuthu

C/o. Nanchil Engineering Lathe Works

8B, Hindu College Road

Chettikulam, Nagercoil,

Kanyakumari District

Tamil Nadu – 629002.

Cell : 9585475039

Documented by : P.Vivekanandan,SEVA