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Design and Refabrication of Advanced Mechanism for Indian Toilet Cleaning

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Abstract: *As per technical evolution and latest trends take into consideration here effective created an advanced system i.e.* ***Design and Refabrication of Advanced Mechanism for Indian Toilet Cleaning****. This system uses a controlled cleaning process and can be able to move anywhere so as to wash another toilet. This project uses multiple geared rack and pinion structures to enter into the toilet seat for cleaning. These rack and pinion arrangements are processed by a high torque motor. There is a brushing arrangement for cleaning along with to and fro movement with the help of a combinational arrangement of rack and pinion link. This project uses a high torque motor, long geared racks, geared pinion, pump, and related arrangements. This project can be useful in public toilets. This project is shock resistant as here used electricity for the motor. This project can be moved anywhere with an optimistic design. This project is easy to operate and has less maintenance so can be used anywhere. In this project, there is rearranged management for water cleaning and rotating brushing system so that all other queries can be sorted out. This complete assembly works on stored power so that where there is no the availability of electricity, we can use it according to application. As this system uses low-power devices so power requirement will be less.*

Keywords: Human Hygiene, Toilet Cleaning, Resource Optimization, Portability.

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