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Fabrication of Automated Drainage Cleaner

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Abstract: This Project is about planned conception to exchange the manual add gutter cleaning by automatic gutter cleaning system. Now a days although mechanical evacuation plays a significant role all together domestic and industrial applications within the correct disposal of sewages from domestic, industries applications within the correct disposal of sewage. Yet, the proper disposal of sewage from industries is still a challenging task. Drainage pipes are been used for disposal and unfortunately sometimes there may be loss of human life while cleaning the blockage in the drainage pipes. In order to overcome the problems in manual drain cleaning, we are implementing "AUTOMATIC DRAINAGE CLEANING SYSTEM", to clean and control the drainage level.

Keywords: Evacuation, Sewage, Drainage, Disposal.

REFERENCES

- [1] S D Rahul Bharadwaj, Shraddha R Jogdhankar, "Automatic Wastewater treatment process to reduce global warming" International Journal of Environmental Science: Development and Monitoring, Vol No- 2 (2013)
- [2] Balachandra, "Automatic Drainage Water Pump Monitoring and Control System Using turbine" International Journal of Innovative Research in Technology, Vol No- 1, 2014.
- [3] Ganesh U L, "Semi-Automatic Drain For Sewage Water Treatment Of Floating Materials", International Journal of Research in Engineering and Technology, Vol No- 05, Jul-2016.
- [4] Dr .K.Kumaresan, "Automatic Sewage Cleaning Equipment", International Conference on Explorations and Innovations in Engineering and Technology, 2016.
- [5] R.Sathiyakalaet.al. "Smart Sewage Cleaning System" International Journal of Innovative Research in Computer and Communication Engineering, Vol No4, February 2016.
- [6] NitinSall, "Drain Waste Water Cleaner", Global Journal of Researches in Engineering: J General Engineering Vol No- 16, 2016.
- [7] Gregor Burger, "Designing and Implementing a Multi-Core Capable Integrated Urban Drainage Modelling Toolkit: Lessons from CityDrain3", Advances in Engineering Software, October 2016

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