**SMART GARBAGE**

**MONITORING SYSTEM (SMART BIN)**

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**ABSTRACT**

One of the main concerns with our environment has been waste management which in addition to disturbing the balance of environment also has an adverse effect on health of society. The detection, monitoring and management of wastes is one of the primary problems of the present era. The traditional way of manually monitoring the wastes in wastebins is a complex, cumbersome process and utilizes more human effort, time and cost which is not compatible with the present day technologies in any way.

Our project Smart Garbage Monitoring System is a very innovative system which will help to keep the cities clean. Our system gives a real time indicator of the garbage level in a trash can at any given time. Using that data we can then optimize waste collection routes and ultimately reduce fuel consumption. It allows trash collectors to plan their daily/weekly pick up schedule.