

## **SMART GARBAGE COLLECTION SYSTEM**

PrateekMazumdar<sup>1</sup>,PriyalPathak<sup>2</sup>,SumitHooda<sup>3</sup>,M.K.Srilekha<sup>4</sup>

Department of Electronics and Communication,SRM Institute of Science and Technology,  
Chennai,TamilNadu

In today's picture, we face a lot of difficulty in managing waste. Overflowing garbage cans have become a usual scene due to the negligence of the municipal department. These overflowing garbage cans not only create foul smell but also unhygienic conditions which is a home to several lethal diseases. In this paper we suggest an IoT (Internet of Things) based system for proper waste management and supervision. In the proposed system, smart garbage cans would be placed throughout the city and can be tracked by the authorities for the level they are filled in realtime using android application along with the shortest route information to reach the particular garbage can.

