Title:	Smart waste management system for bangladesh
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Abstract:

Waste management is one of the biggest concerns in our day to day livings and environment. The traditional method of our waste management carries lacking in some particular areas such as garbage overflows causing environmental pollution and unhygienic living conditions. Besides the amount of time and manpower requires in this field is extensive. This research proposes an advanced method in which waste management is more likely to be automated and saves time as well as cost. By using this advance method, a Smart Bin has been designed and implemented. Microcontroller is used to form the heart of this system interfacing with sensors to detect waste levels and a GSM for data transmitting and receiving purposes. This proposed system would have an automated waste level detection process and also a smart monitoring and overall management process. The technologies that have been used in this system is good enough to prevent the garbage overflow and ensures the partial and perfect waste management and monitoring system maintaining the green environment.