S.No	Literature Survey on Smart Waste Management System				
	Title of the Paper	**Authors**	**Algorithm**	**Advantages**	**Disadvantages**
1	Cloud-based Smart Waste Management for Smart Cities	Mohammad Aazam, Marc St-Hilaire, Chung-Horng Lung, Ioannis Lambadaris	Internet of Things (IoT),Cloud of Things,Cloud computing	Timely waste collection, Route optimization Recycling and disposal, Resource management, Waste-based energy production	System requires number of waste bins for separate waste collection
2	IOT Based Smart Garbage alert system using Arduino UNO	Sathish Kumar, Vuayalakshmi, Jenifer Prarthana, Shankar	RFID computing technology that is used for verification process and it also enhances the smart garbage alert system by providing automatic identification.	It is transportable low price RFID tag, the system provides options for the customers to lodge their complaints in case of discrepancies.	Complex design of dustbin compared to other methods
3	Smartbin: Smart Waste Management System	Fachmin Folianto, Yong Sheng Low, Wai Leong Yeow	Duty cycle technique to reduce power consumption and to maximize operational time.Applying sense-making methods to obtain litter bin utilization.	Obtain litter bin utilization - utilization information shows how a bin has been utilized litter bin daily seasonality information.- shows the time when a bin is usually full.	The sensor node was deployed with battery power. Low power consumption sensor node must be used because of its limited power. The sensor node had limited memory size.
4	INTERNET OF BINS : Trash Management in India	Keerthana, Kalyani,Suja, Sonali M Raghavendran	Concept of IOT. Data sharing model by using cloud to establish connection between truck drivers,corporation and trash cans to collect and gather waste in a profitable way.	Less expensive Lock based System with acknowledgment alert system. Two threshold limits are being fixed. Reduces fuel usage. Provides clean locality	ZigBee are short range and low data speed.