Literature Survey

Project: Smart Waste Management

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S.No	**TITLE**	**PROPOSED WORK**	**TOOLS USED/ ALGORITH**	**TECHNOLOG**	**ADVANTAGES / DISADVANTA**
1.	The generation and disposal of	While considering the need of technology and innovation, this is not an original idea. The idea has been proposed. But however, we need an original plan for designing a Smart Bins with ultrasonic existing system	e- Monitoring, Arduinothings	Internet of Things	This chapter will discuss the framework and for a smart railway based on the Internet of Things and big data, we present the architecture of a smart railway, which is divided into four

2.	A Novel Approach for Big Data for smart management system	The smart city means using information technologies as per the needs of citizens in order to improve their day-to-day activities with high efficiency and decrease the living cost.	WSN, l-IOT, GSM-R,LTE	Internet of Things	RCM will be strongly reliant on data received from heterogeneous IOT devices .

3.	Remote sensor for smart waste management	In recent years, the range of sensing technologies has expanded rapidly, whereas sensor devices have become cheaperThis has prompted to a fast extension in condition checking of frameworks, structures, vehicles, and hardware utilizing sensors. Key components are the current advances in systems	Remote sensor systems (WSNs), LPWAN,RFID.	Internet of Things	This is indispensable for the advancement, redesigning, and extension of railroad systems. This venture studies the remote sensors arrange innovation for checking in the railroad business for dissecting frameworks, structures, vehicles, and apparatus.

4.	key technologies for smart waste management	This paper practically demonstrates how Internetof Things (IoT)	SDN , SD-WAN , 5 G e d g e , d i g i t a l and hy b r i d m u l t i cloud	Internet of Things	we have identified significant based key technologies for HSRs, such as spatial modulation, fast channel estimation, cell-free massive multiple-input-multipl e-output (MIMO), mmWave, efficient beamforming, wireless backhaul, reliable low latency communications, and enhanced handover strategies.

5.	Massive internet of things	Massive internet of things (mIoT) could play an important role in the future smart high-speed railway (HSR), where grant-free multiple access technologies are required. Recently, tandem spreading multiple access (TSMA) has been raised for mIoT without mobility which achieves high connectivity and reliability.	MIOT,TSMA, OTFS Transceiver	Internet of Things	The traditional sectorial waste collection approaches, also including economic factors. A realistic scenario is set up by using Open Data from the city of Copenhagen, highlighting the opportunities created by this type of initiatives for third parties to

6.	Enhancement of smart waste on Internet of Things	traditional sectorial waste collection approac hes, also includin g	l-IOT, GSM-R,LTE	Internet of Things	By unfoldi ng the different ways in which market ers can press