

(An Autonomous Institution affiliated to VTU, Belagavi)

NATIONAL SERVICE SCHEME

AICTE ACTIVITY POINT REPORT

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CLASS: II year BE 'A' Sec

SEMESTER: 3

DEPARTMENT: COMPUTER SCIENCE

TITLE : Efficient Garbage Disposal Student Activity

REPORT

Waste management is essential in today's society. Due to population explosion , urbanization , generation of waste is getting doubled day by day. In this era, the topic of environmental protection has attained major global attention. But unfortunately basic concept of waste disposal are often neglected. Although people are aware of the impact improper Garbage management, but the negative attitude of implementation give rise to chaotic situations.

We are born from the earth , we return to the earth and we sustain by earth .proper Garbage disposal is important to ensure everyone's safety from possible health hazards. The more waste we generate the more waste we have to dispose off. Many people are coming and leaving lots of litter so to say , the residents are the ones that are responsible for cleaning the area. It is true that to clean the streets but the litters , that is collected are not thrown proper because they do not have enough fund to hire private Garbage collectors that they will roam around. So the residents and house holds hoty relay on garbage collection provided by government.the collection is done once or twice a week only.since the garbage collection system is not well managed and the lack of garbage bins,the people dispose garbage where ever possible. This led to huge environmental pollution which deteriorating health of mankind and other living beings.due to lack of knowledge waste management, people throw garbage in the way they want.this don't care attitude of people bring more havoc.

As a responsible students we also have a major role in the issue. These are some of the questions, that helped us to figure out what our city is facing when it comes to waste management disposal .The questions as follows:

- What is the problem of our city when it comes to house management?
We are lack of Garbage collectors.
- How many days in the week do the garbage truck collector passes by?
Once or twice in week day.
- How are they storing their garbage? Do you know how to segregate?
No they mixed everything .No segregation happening. They mixed biodegradable ,non biodegradable , recyclable and non recyclable.
- Is there any rules and regulations regarding this matter?
"None".

We recommended to regarded authority to implement a litter law that will ensure that no litter will be discarded thrown or dropped on to public and private places. This law must also clearly

stipulate that dumping is a serious punishable offense. We also conduct keep the environment tidy programs .

The main principles of waste management are,

Waste hierarchy , referring to the 3R rule- Reduce, Reuse, and Recycle .waste prevention and minimization being our desirable role. Another solution to the city environmental problem is to motivate people and to promote the importance of Going green. We should aware that we are doing is not only destroying the environment but also destroying ourselves.

The reality is that we can achieve proper waste disposal , but it wont be easily. what are the issues facing urban waste management today,

- The issue:-Landfill Gas pollution
Solution : Convert Landfill gas into the electricity.
- Inefficient waste collection
Solution: Automated bin management.
- Improper waste sorting
Solution: smart waste containers automatically sort and compress waste.

When you implement innovative waste management solutions , you not only boost your reputation and also contribute your surrounding community.

Adithya holla

Signature of Student Signature of Department NSS Coordinator Signature of NSS program officer