







Exit



Extend

Browsing, booking, attending, and rating a local city tour

Entice

How does someone initially become aware of this process?

Waste is the result of

human activities and

everyone needs to have a

without which the success

of even the best conceived

waste management plan

become questionable

proper understanding of

EnterWhat do people experience as they begin the process?

Based on IoT technology,

smart waste management

provides data on waste

generation patterns and

Engage
In the core moments in the process, what happens?

Smart waste management

reduction of waste is very

important part of waste

is to avoidance and

management.

What do people typically experience as the process finishes?

The outcomes upon successful complection of this course , students will be able to : Learn basic concepts of solid waste management ,beginning from source generation to waste disposal in a system of municipality organization structure.

IoT solution enables cities to function smart we want to make sure we're here to cover any part of your journey in changing the world.

What happens after the

experience is over?

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Steps

What does the person (or group) typically experience?

What interactions do they

have at each step along the



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Mana

Extensive
uncontrolled
dumping
Reliable collection
and better landfill
site.

using technology and data to create a more efficient waste industry.

It is tells about

There are four tries to waste management to reduce its environment impacts: pollution prevention and source reduction; recuse or redistributions or unwanted, surplus materials ect...

strategy an organization uses to dispose reduce, reuse, and prevents waste



Goals &motivations

Interactions

way?

At each step , what is a person's primary goal or motivational? ("Help me..." or "Help me avoid...")

The purpose of the waste act is to support sustainable development by promoting the rational use of natural resources, and preventing and combating the hazard and harm to health and the environment from wastes.

Reducing waste will not

nvironment but will also

save on costs or reduce

expenses for disposal.

only protect the

Smart bins helps to create a cleaner, safer, more hygienic environment and enhanced operational efficiency while reducing management costs, resources, and road-side emission.

The smart bins is ideal for busy locations such as campuses ,theme parks, airports, railways, and shopping malls

Segregation at source is critical to its recycling and disposal. Lack of segregation, collection and transportation of unsegregated mixed waste to the landfills has impact on environment.

The dustbin's is the essential purpose is that it helps to keep dirty and decaying waste sepearte from the rest of the clean surroundings.



Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting? Reducing the numbers of bins required -decluttering and improving the street scene.

The beneficial use of solid waste keeps materials out of landfills and reduces the amount of raw material used in construction and other industries.

Keeps the environment clean and fresh Saves the earth and conserves energy Reduce environmental pollution The main advantages of sustainable waste management is to lessen the impact on the environment, by improving air and water quality and contributing to improving air and water quality and contributing to the reducing to greenhouse gas emission.



Negative moments

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

They include chemical exposure, combustible dust explosions, machine guarding hazards, exposure to powerful equipment with moving

parts

Some of the catastrophic effects of today's poor waste management system are listed below:
Soil contamination
Water contamination
Ari contamination

According to the author there is a disadvantages such as increasing cost of the dustbin.

A reduction in the number of waste collections needed by up to 80%, resulting in less manpowe emissions, fuel use and traffic congestion.

The biggest problem of waste management is AIR pollution climate change, soil and water contamination.



Areas of opportunity

How might we make each step better? What ideas do we have? What have others suggested?

If you don't follow this path immediately after you will affected by the waste items.

Use a reused bottle /cup for beverages on-the-go.

Avoid singleuse food and drink container and utensils. The very first steps in the management of waste disposal is the collection of waste.

Stop buying stuff, shop local, Avoid food wrapped in plastic, Get your own reusable bottle, Buy things in bulk and Bring your own bags.