

Sri Nanak Jhira Saheb Foundation

GURU NANAK COLLEGE OF EDUCATION

Teachers Colony Manhalli Road Tq & Dist : Bidar-585 403

College Website: www.gurunanakbed.org

Mail : Gurunanakbedcollege@gmail.com

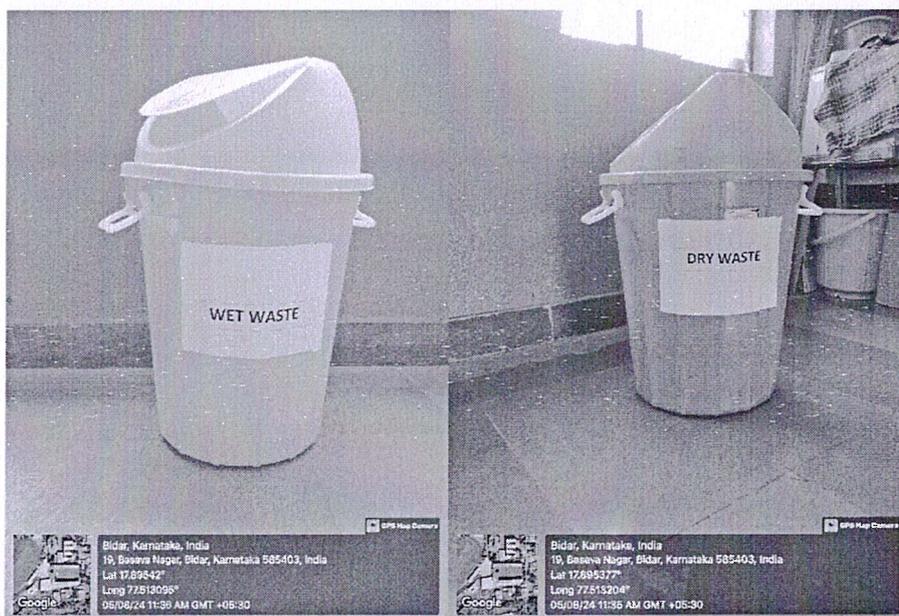
E-Mail IQAC: iqacgnbedc@gmail.com

7.1.3 INSTITUTION WASTE MANAGEMENT INCLUDES

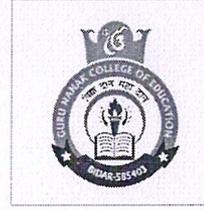
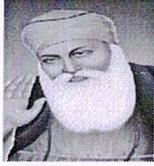
1. SEGREGATION OF WASTE

Waste management refers to the process of collecting, treating, and disposing of various types of waste materials in a safe and environmentally responsible manner. It involves a range of activities such as garbage collection, recycling, composting, landfill management, and energy recovery. It aims to minimize the negative impact that waste has on our environment and human health. we can reduce pollution levels caused by improper disposal methods like open burning or dumping into water bodies. This helps protect our air quality and prevent the release of harmful toxins into ecosystems.

We keep every corridor two dustbins one for dry waste and wet waste



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Importance Of Waste Management

Environmental Protection

Proper waste management helps prevent pollution of air, water, and soil. It reduces the release of harmful substances into the environment, minimizing negative impacts on ecosystems, wildlife, and human health.

Resource Conservation

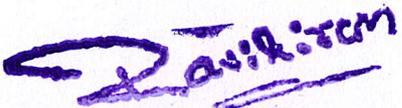
It involves recycling and reusing materials, reducing the need for new raw materials. This conserves natural resources and energy, leading to more sustainable production processes.

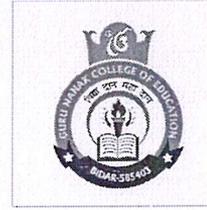
Energy Savings

Many waste management practices, such as recycling and waste-to-energy technologies, generate renewable energy or recover energy from waste. This reduces the reliance on fossil fuels and helps combat climate change.

Reduction of Greenhouse Gas Emissions

Proper waste management, including recycling and composting, reduces methane emissions from landfills and the need for energy-intensive production of new materials, thereby mitigating climate change.


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Health and Safety

It can lead to disease transmission, water contamination, and air pollution. It minimizes health risks for communities and workers in the waste industry.

Aesthetic Improvement

Proper waste disposal and cleanliness contribute to visually appealing surroundings, enhancing the quality of life for residents and attracting tourism.

Economic Benefits

It creates job opportunities in recycling, waste collection, processing, and related industries. It also reduces the costs of waste cleanup, disposal, and environmental remediation.

Compliance with Regulations

Many countries and regions have strict regulations for waste management to protect the environment and public health. Proper waste management ensures compliance with these regulations, avoiding legal and financial penalties.

Sustainable Development:

Integrating waste management into sustainable development goals ensures the well-being of current and future generations by preserving resources and minimizing the environmental footprint.


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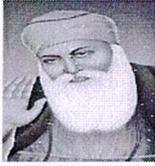
Promotion of Circular Economy

It contributes to the transition to a circular economy, where resources are used efficiently, products are designed for durability and recyclability, and waste is minimized.

Benefits of Waste Management

- Environmental Protection
- Resource Conservation
- Public health improvements
- Energy savings
- Economic advantages.


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2. E WASTE MANAGEMENT

What is E-waste?

E-waste is a term used to describe electronic devices that are no longer in use, have become obsolete, or are at the end of their useful life. E-waste includes a broad range of electronic devices, including computers, laptops, smart phones, tablets, televisions, printers, and other household appliances. These devices contain valuable and hazardous materials that can cause harm to the environment and human health if not disposed of properly.

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The Importance of Managing E-waste

Electronic waste, or e-waste, is becoming an increasingly pressing problem globally. It refers to discarded electronic devices such as computers, mobile phones, and televisions, which contain hazardous materials that can cause environmental and health hazards. With the rapid pace of technological innovation and the increasing demand for electronics, e-waste has become one of the fastest-growing waste streams globally. Explore the importance of managing e-waste, the challenges faced in its management, and the future of e-waste management.

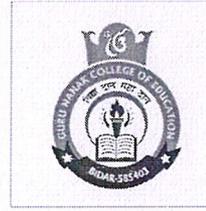
Why Is E-Waste Management Important?

Although devices like phones often break, they are still an abundant source of raw materials. These materials could be stripped from old gadgets and reused to make new ones. By improving recycling, more companies might be able to use gold and other important raw materials found in old electrical devices. Not only is recycling precious metals more efficient and better use of resources, but it also saves the environment.

It is important to recycle electronic devices because they often contain toxic substances and heavy metals as well as harmful chemicals like flame retardants. This recycling process can reduce chemical emissions while disposing of the items, and when manufacturers use recycled materials in production, they use less energy and produce less greenhouse gas than if the products were made with brand new materials.

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Make sure to recycle your appliances and electronics to keep them out of the landfill. This e-waste can be reused, and when recycled properly, it can reduce water pollution and greenhouse gas emissions.

Likewise, you aren't allowed to throw electronic devices in the trash. The data on a hard drive can be mined by a thief and used for financial information. It's a bigger worry for businesses, but as most people use computers to store financial information, it's something worth considering.

Recycling also helps the environment and people's health. This activity also generates new jobs and boosts the economy by providing materials for new electronics that do not need to be extracted from the environment. Recycling can also implement additional safety measures, reducing toxic chemicals like mercury and lead.

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