

Estd-1980



B.I.D.E.A's
**J.S.S. COLLEGE OF
EDUCATION,**

S.S.PU Campus, Ram Mandir Road, Vijayapur-586101

Reaccredited by NAAC@ B Grade(CGPA:2.61)



Permanent Affiliation to Rani Channamma University, Belagavi Recognised by NCTE and UGC 2(F), 12(B), New Delhi

Segregation of waste is an essential practice in educational institutions to promote environmental sustainability and proper waste management. In our institution, waste segregation is implemented effectively by dividing waste into different categories.

- 1. Biodegradable Waste :** Includes organic waste like food scraps, paper, and garden waste. This is composted and used as fertilizer.
- 2. Non-Biodegradable Waste :** This includes items like plastic, metal, and glass. These materials are further divided into recyclable and non-recyclable waste.
- 3. Hazardous Waste :** This includes chemicals, broken glass, or any other items that pose a risk to health and safety. Proper disposal methods are followed.

Steps for Effective Waste Segregation

- Awareness Programs :** Educating students and staff on the importance of waste segregation through workshops, seminars, and posters.
- Color-Coded Bins:** Placed color-coded bins across the campus for easy segregation. The green bins for biodegradable waste, blue for recyclables, and red for hazardous waste.
- Regular Monitoring and Collection :** Designated staff or student volunteers to monitor the bins and ensure proper disposal.
- Collaboration with Recycling Units:** Partnership with local recycling units to handle non-biodegradable waste responsibly.
- Composting Unit:** Set-uped a composting unit on campus to manage biodegradable waste, which is used in the institution garden. Implemented these practices not only help in effective waste management but also inculcate environmental responsibility among students.


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E-waste management is crucial for educational institutions Proper disposal of electronic waste (e-waste) is necessary to avoid environmental harm and health risks.


E-Waste Collection Room : We have allocated a particular E-waste collection room. Where we collect all the E-waste like non-operative CPU's, Mouse, Key boards, Monitors, Switch boards and Stabilizers.

Safe Disposal of Hazardous Components : Ensure that components like batteries, circuit boards, and other hazardous materials are handled safely and responsibly by trained personnel.

Reuse and Repurpose : Before disposing of electronic devices, we make sure if they can be reused or repurposed within the institution. The Old computers and devices are sent to our main campus.

Documentation and Reporting : Maintain records of all e-waste collected and disposed of, including details of the recycler and the amount of e-waste managed. This documentation ensures transparency and accountability.


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Sewage Treatment Process


Primary Treatment : This involves screening to remove large solids and sedimentation to allow suspended particles to settle.

Secondary Treatment : Biological processes such as activated sludge or biofilms break down organic matter, reducing the Biological Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) in the water.

Tertiary Treatment : The final stage involves further purification, such as filtration, disinfection (e.g., chlorination or UV treatment), and sometimes nutrient removal, to ensure the water is clean enough for safe discharge.

Sludge Handling : The Waste sewage treatment, sludge, is processed for safely disposal to ensure minimal environmental impact.


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