

# **WASTE MANAGEMENT AUDIT**

**Academic Session 2021-22**



**PRANANATH COLLEGE (AUTONOMOUS),  
KHORDHA**

**Signatures of Audit Members**

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# AUDIT REPORT

2021-22

## WASTE MANAGEMENT IN OUR PRANNATH COLLEGE (AUTONOMOUS), KHORDHA

### 1. INTRODUCTION

Waste product management is an art. It requires application of thought process keeping in mind to save and clean the environment. It is obvious that in our day to day college activities waste product will emerge on daily basis like waste from class rooms , canteen , laboratories, library, toilets, computer labs , college campus and so on, which requires efficient management in order to keep and maintain the campus clean and to recycle it for its alternative use. Our institution has chalked out intelligently the waste management policy ,by setting of different tier of teams to ensure zero level dirtyness. The college management has set up the policy and adopted the critical waste management programme to minimise on daily basis

- a. Generation of waste product
- b. Waste related environmental impact
- c. Waste for its recycle and best use

### 2. OBJECTIVE

The main objective of the solid waste and e-waste system in our college campus is to promote the environmental management and conservation .The main purpose of the current available system is

- a. To minimise the generation of waste
- b. To reduce air and environment pollution
- c. To protect ground water sources
- d. To ensure sustainability
- e. To teach the young generation on the green life style
- f. To reduce the volume of the solid waste stream through the implementation of waste reduction and its recycling programmes
- g. To ensure zero waste by 3R's value approach( i.e Reduce, reuse and recycle)
- h. To recycle today for better tomorrow
- i. To maintain waste separation money generation
- j. To minimise the use of land fills for solid waste management
- k. To keep the living beings safe and healthy
- l. To promote re-use of different things who have fulfilled their purpose
- m. To promote recovery of energy from waste materials
- n. To introduce and make aware of students over the real concern of environment and its sustainability
- o. To secure environment and to cut down the threats posed to human health

- p. To generate employment
- q. To ensure environmental protection

### 3. PRINCIPLES

Major seven principles are

- a. Recycle
- b. Reduce
- c. Refuse
- d. Reuse
- e. Repair
- f. Re Gift
- g. Recover

### 4. TYPES OF WASTE GENERATION IN OUR COLLEGE CAMPUS

- a. Food waste ( dry and wet )
- b. Recyclable papers, card board , plastic and glasses
- c. Student cloth and house wares
- d. E-waste i.e old computers and its accessories
- e. Chemical waste generation in laboratories , detergent from cleaning activities
- f. Waste from maintenance like paints , solvents, lubricants , fluorescents , tube lights
- g. Biological waste generated from laboratories ,decaying of plant, dried leaves etc
- h. Waste generation old and unused furniture items
- i. Waste generation from old and unused text books
- j. Waste generation from construction supplies like concrete , cement , bricks , old paints, clay , plaster , wires and bricks.

### 5. WASTE MANAGEMENT IN OUR COLLEGE CAMPUS

- a. Separate Bins for re-cyclable and non re-cyclable waste have been kept throughout the college campus
- b. Awareness programmes among the students have been organised through different slogans , posters making and drawing competitions in our college to educate the students over 3R's principles i.e reduce, reuse and recycle for waste management
- c. About three nos of covered waste transport vehicles are being used to dump the waste on the open area meant for keeping waste product to reduce air pollution
- d. Waste papers , plastics are being sold regularly to the local vendors for its recycle use
- e. E-waste management like computer , Television , Printer on their long use become obsolete are sold to local vendor for its repairing and reuse
- f. As tree dropping , lawn management and canteen waste are the major source of solid waste creation on daily basis , these are regularly monitored through our college volunteers like NCC , NSS, Rovers and Rangers to dump the waste products in the pump yard to reduce solid waste

- g. Our college has made it mandatory for the students to submit their project works without using plastic materials in order to minimize plastic waste related pollution
- h. Around our college campus the drainage system has been well connected to release the waste water through near by sewerage line.
- i. Some areas within our college campus have been earmarked as vermicompost for dumping daily wastage to decompose it for re-use in the garden as black compost. It is a bright example of waste management waste recycling process.
- j. All toilet blocks of our college have been connected to near by sewerage line network of the campus
- k. The college management have appointed nos of sweepers to clean the college campus, toilets, class rooms on daily basis
- l. The daily solid waste collected by sweepers are being thrown on a particular identified area within the college campus to burn it by lighting fire in order to keep clean campus and to save the environment.

## 6. CONCLUSION

Our college management created waste management teams have the target to keep zero level of waste related environment in order to maintain green life style for our college employees and students. The motto of our college management is to ensure zero waste by appointing different tier of waste management team by including staff and students.

## SLOGANS

"When you refuse to reuse, it is the earth you abuse"

"Go green, Reduce, Refuse, and Recycle"

"Reuse the past,

Recycle the present

Save the future "

## 7. PROBLEM FINDING IN WASTE MANAGEMENT IN OUR COLLEGE CAMPUS

- a. Separate renewable and non renewable large size dustbins should be placed at different places within the college campus
- b. Food waste dustbins should be earmarked separately
- c. Separate waste dumping area to be identified for dumping large quantity of waste product

- d. There should be minimum two nos of small waste product carrying hand pulling vehicles for collecting on daily basis waste product and dust In order to make it easy to keep the campus clean regularly.
- e. Sweepers to be appointed separately for the waste product cleaning management in our college
- f. Existing drainage system to be modernised suitably by connecting to common sewerage line.
- g. Posters with slogans and pictures related to waste product management should be placed in the main entrance areas of the college meant for creating awareness among the employees and students

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