



Al-Badar Educational & Charitable Trust's

AL-BADAR DENTAL COLLEGE & HOSPITAL, KALABURAGI

Affiliated to Rajiv Gandhi University of Health Sciences Bangalore &
Recognized by Dental Council of India (New Delhi)

SOLID, LIQUID, BIOMEDICAL, HAZARDOUS AND E- WASTE MANAGEMENT

SOLID WASTE MANAGEMENT:

Segregation of solid waste based on colour code bags and treatment

Colour code	Category of waste	Treatment of waste
RED	Gloves, catheter, saline bottle, blood infected gloves, lignocaine bottles	Chemical treatment, shredding and autoclaving at CHUBS, Kalaburagi
YELLOW	Blood soaked cotton, gauge, plaster models, impression compound, modelling wax, green stick, sticky wax, shellac trays, old dentures, mouth masks, cotton gauzes	CHUBS, Kalaburagi
BLUE/ TRANSPARENT	Scalpels, burs, orthodontic wires, splinting and ligature wires, orthodontic brackets and wires, files, BP blade, needles, pipettes, metal crowns and ceramic crowns	CHUBS, Kalaburagi
BLACK	Municipal waste like paper, plastic etc	Disposed at municipality directly

LIQUID WASTE MANAGEMENT:

The entire liquid waste generated by the institution is treated in the STP plant in the campus of institute. Effluent treatment is done as per the norms of Karnataka pollution board.

BIOMEDICAL WASTE MANAGEMENT:

Biomedical waste is the waste that contains infectious materials. There is a biomedical waste management unit in Al-Badar Rural Dental College and Hospital with a Memorandum of Understanding with CHUBS, Kalaburagi since 2020. All the departments have been provided with different colour code bags. The nursing staff, technicians and attenders have been educated and trained regarding segregation of wastes. Each day at the end of the college hours, the attenders transport the entire biomedical waste to the central collection unit. The same waste is collected thrice weekly by the biomedical waste van and is transported to the CHUBS, Kalaburagi. The MOU is renewed every year with CHUBS, Kalaburagi and amount for collection and dispensing of biomedical waste is paid to the CHUBS, Kalaburagi.



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E WASTE MANAGEMENT:

The IT e-waste like printer cartridges, CPU's, mouse, keyboards are collected at the central store and is transported to M/s Adobe technologies, Kalaburagi for recycling and dismantling.

The electrical e-waste like electrical wires, UPS batteries are collected at the central store and is transported to M/s AB Power systems, Kalaburagi for recycling and dismantling.

HAZARDOUS AND RADIOACTIVE WASTE:

Al-Badar Rural Dental College and Hospital, Kalaburagi is into agreement with Kiran radiographic center, Gulbarga and as part of the agreement Kiran radiographic center who supplies radiographic films and processing solutions to our college will only collect the waste material generated from after usage. The radiological and hazardous waste material such as used developers, fixer and lead foils thus generated is collected, transported and discarded as per appropriate guidelines by the Kiran radiographic center.

PRINCIPAL & DEAN

PRINCIPAL

Al-Badar Rural Dental College
& Hospital, KALABURAGI