

7.1.3

The dedication of KMV to environmental causes is not just a moral concern but also a matter of social justice. The organization has embraced eco-friendly practices and implemented effective waste management measures, including segregation, recycling, and composting. The collaborative efforts of the housekeeping staff, gardeners, and sweepers in waste segregation are significant.

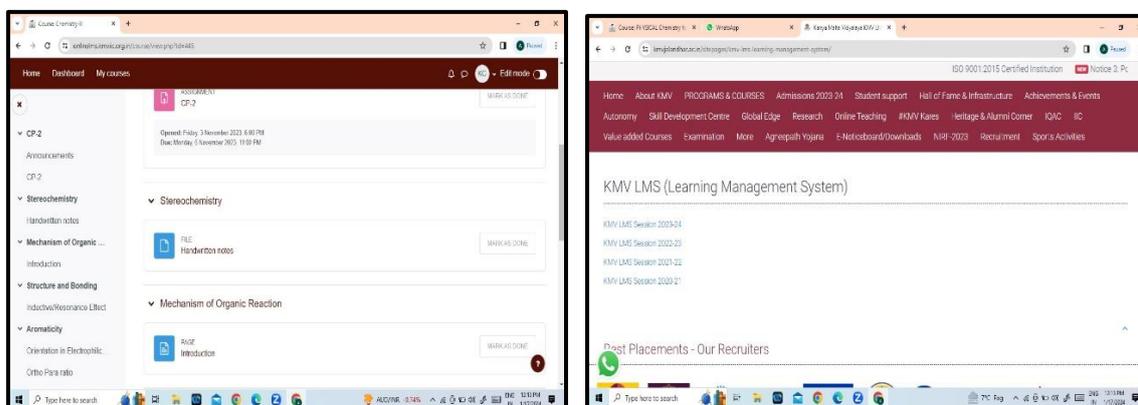
7.1.3.1. Solid waste management

- The institution utilizes a four-color-coded bin system, green bins are designated for the proper disposal of biodegradable waste, blue bins are allocated for non-biodegradable items like plastics, yellow bins specifically handle used glass bottles, and red bins are utilized for the disposal of biomedical waste.



- The college adopts a nearly paperless system using digital platforms such as WhatsApp, email, LMS and Google Classroom, aiming to minimize paper waste and cut carbon

emissions. Single-sided printing is encouraged for various documents, promoting environmentally conscious practices.

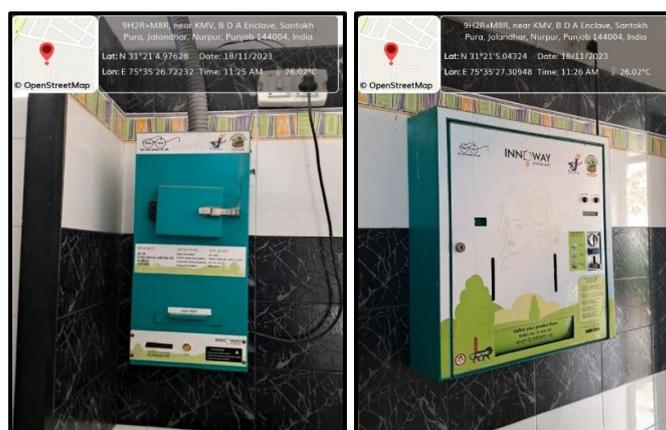


- Electronic Incinerator are installed in all girl's washroom for hygienically disposal of sanitary napkins.

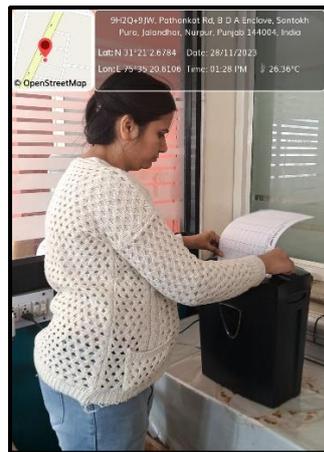


(a) New Hostel

(b) Main Hostel



(c) Krishna Hall: Automatic Sanitary Napkin Vending Machine



Shredding machine for paper waste management

7.1.3.2. Liquid waste management

- Laboratory wastewater, containing chemicals and contaminants, undergoes a separate process. It is collected in drums, diluted, neutralized, and disposed of into the sewage system for further treatment by the Municipal Corporation's treatment plant.



- The college utilizes various methods for liquid waste management and benefits from a sewage connection provided by the Municipal Corporation, Jalandhar, ensuring proper handling and disposal of different waste types.

7.1.3.3. Biomedical waste management

- There is zero medical waste in the campus.



The Heritage Institution
Estd. 1886

KANYA MAHA VIDYALAYA (Autonomous)

Re-accredited 'A' by U.G.C.-NAAC
"College with Potential for Excellence" by UGC
Under Star College Scheme by DBT, Govt. of India

Phones : Principal Off. : 0181-2296605, 2296606
Fax : 0181-2291741
E-mail : kmvjalandhar@yahoo.com
kmvoffice1886@gmail.com
Vidyalaya Marg,
JALANDHAR-144 004.

Ref. No. KMV/4126

Date 01-07-2022

TO WHOM IT MAY CONCERN (SESSION 2022-2023)

7.1.3 (SSR) ZERO Bio-Medical Waste

KMV boarding house, popularly called as, 'Kanya Ashram', is situated within the precincts of the college. The hostel building consists of four hostel wings- Savitri Bhawan, Rai Bahadur Badri das Hostel, Saraswati Bhawan and New Hostel. The hostel has a provision of accommodation for about 800 girl students. Special medical facilities are provided to the students at all hours through a resident nurse. A provision has been made for a daily doctor-in-attendance and for consultation. In case of minor or major ailment, the resident is referred to a specialist at Kamal Hospital (situated near the college) and parents are informed accordingly. Hence the health care facilities provided at KMV's hostel (dispensary) do not produce the so-called hazardous or special medical waste like genotoxic waste, cytotoxic substances or radioactive material, Sharps Waste entailing risk of injury, Waste entailing risk of contamination, Anatomical waste, Infectious waste etc.


Dr (Prof.) Atima Sharma Dwivedi
Principal
Kanya Maha Vidyalaya (autonomous)
Jalandhar


Dr Ganesh Pathak
Doctor-in-attendance & Consultation
Kanya Maha Vidyalaya (autonomous)
Jalandhar (Hostel Dispensary)

7.1.3.4. E-Waste management

- Electronic waste (E-Waste), including items like monitors, keyboards, UPS, CPUs, printers, and scanners, is gathered from various college departments and stored in a designated room.

- The College has come up with several ideas to utilize e-waste by converting it into some art objects while non-useable E- waste is disposed through government licensed vendors



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Ref. No KMV/2647
Date 29-05-2022

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 29th May, 2022 by and between **KANYA MAHA VIDYALAYA, JALANDHAR (PUNJAB)** as Party no. 1 represented by the Principal, KMV Jalandhar

AND

M/S.GREEN BIRD RECYCLING having Head office at Balaji Complex, 1st Floor, R.K.Road, Industrial Area-A Ludhiana (PUNJAB) as Party no. 2 represented by its Head Mr. Sham Bhardwaj.

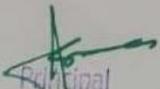
Whereas 1st PARTY authorizes 2nd PARTY for collection of electronic and electrical waste. The 2nd Party will comply to the provisions of E-waste rules and supervisions of Punjab Pollution Control Board (PPCB) in all respects.

Further, it is hereby agreed by and between the parties as follows:

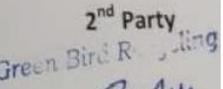
1. E-waste means all electronic and electrical waste which includes monitors, keyboards, UPS, CPU, printer, CVT, OHP, screen, Projector, mouse, modem and all other equipment, run by battery or electricity.
2. The duration of contract to be One year from the date of signing.
3. Kanya Maha Vidyalaya, Jalandhar to hand over the E-waste material to M/S. GREEN BIRD RECYCLING bi-annually or as per the requirement. The data found, if any in any of the devices, to be burnt by M/S. GREEN BIRD RECYCLING.
4. Transportation cost to be met by M/S GREEN BIRD RECYCLING.
5. The certification of this concern will be provided by M/S GREEN BIRD RECYCLING.
6. M/S GREEN BIRD RECYCLING representative to visit KMV premises for collection of materials and present the amount cheque , agreed upon mutually.
7. Quotation of rate list once approved can be changed mutually by both the parties.

Any dispute arising within the contract period will be dealt with in the Jalandhar jurisdiction.

1st Party


Principal
Kanya Maha Vidyalaya
KANYA MAHA VIDYALAYA, JALANDHAR
Represented by: Principal, KMV
Prof.(Dr.) Atima Sharma Dwivedi

2nd Party


For Green Bird Recycling
M/S. GREEN BIRD RECYCLING
Represented by: Founder & Owner
Mr. Sham Bhardwaj



e-Wastage Storage Room

7.1.3.5. Waste recycling system:

- The College employs both vermicomposting and microbial-mediated composting methods to effectively manage a range of biodegradable waste, including vegetable peels, dried leaves, and other organic materials and are subsequently utilized as fertilizer.



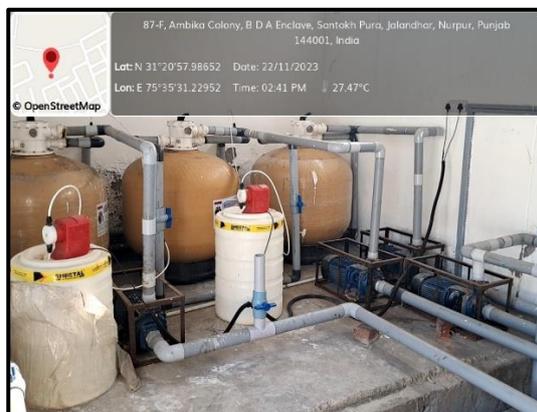
- The college repurposes wastewater from water dispensers and RO purifiers for gardening, reducing water wastage and fostering sustainable water management

practices. This approach transforms filtration byproducts into a valuable resource for plant nurturing and environmental sustainability.

- The institution operates an Empathy Corner outside, allowing anyone to pick gently used clothes and items, fostering a culture of sharing and community support.



- College has a sand filtration plant for purification and recycling of swimming pool water.



7.1.3.6. Hazardous chemicals and radioactive waste management

- In the Institution there is nil use of hazardous chemical and radioactive material. Most of the departments do not generate hazardous waste.