



# किरोड़ी मल कॉलेज

दिल्ली विश्वविद्यालय, दिल्ली- 110007

## Kirori Mal College

University of Delhi, Delhi - 110007

Email: [principal@kmc.du.ac.in](mailto:principal@kmc.du.ac.in) Tel. No.: 011-27667939 Website: [kmc.du.ac.in](http://kmc.du.ac.in)



### 7.1.2 (b) Management of Degradable and non-Degradable waste.

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(प्रो. विभा सिंह चौहान)  
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दिल्ली-110007/Delhi-110007



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### 7.1.2 (b) Management of Degradable and non-Degradable waste

A wise man has once said that we did not inherit the Earth from our ancestors, rather we have borrowed it from our future children. As responsible trustees of the world, we have to hand over to the coming generations in very good condition and not as a degraded and polluted planet. Kirori Mal College understands its responsibility and carries out its activities in consonance with the requirements of nature.

**i. Solid Waste Management:** KMC has made a great stride in solid waste management involving green technology. Following the principles of waste management, the solid waste is collected, disposed and reused in Vermi-composting chambers. This process also produces organic nutrients for the soil which are used as fertilizer. This has reduced our reliance on compost from the market. This system was instituted in September 2019. Once the compost is collected, units are refilled for a fresh cycle. Colour coded separate dustbins kept at strategic locations are used for wet and dry waste. Waste is collected from various sources and separated into wet and dry waste.



**In-house composting facility**





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**In-house composting facility**

ii. **Color coded separate dustbins** kept at strategic locations are used for wet and dry waste. Waste is collected from various sources and separated into wet and dry waste.



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**Blue and Green covered/pedal-pushed dustbins are placed in the premises.**



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Blue-Green covered dustbin in Science block

**iii. Biomedical Waste:** Biomedical waste generated in the laboratories follow strict adherence to principles and policies. The generated waste is sterilized by autoclaving and handed over to the authorized personnel. Waste from the Nanobiotechnology lab and Zoology Department is disposed of by Water Grace BMW Pvt Ltd. In an order to ensure safe disposal, College also has an MoU with SMS Grace for the disposal of Biomedical waste.

The college has napkin dispenser machines to dispense the sanitary napkins and incinerators to dispose of the biomedical waste generated.





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Napkin Incinerator machine/dispenser Science block /GCR



Napkin Incinerator machine/dispenser, main building



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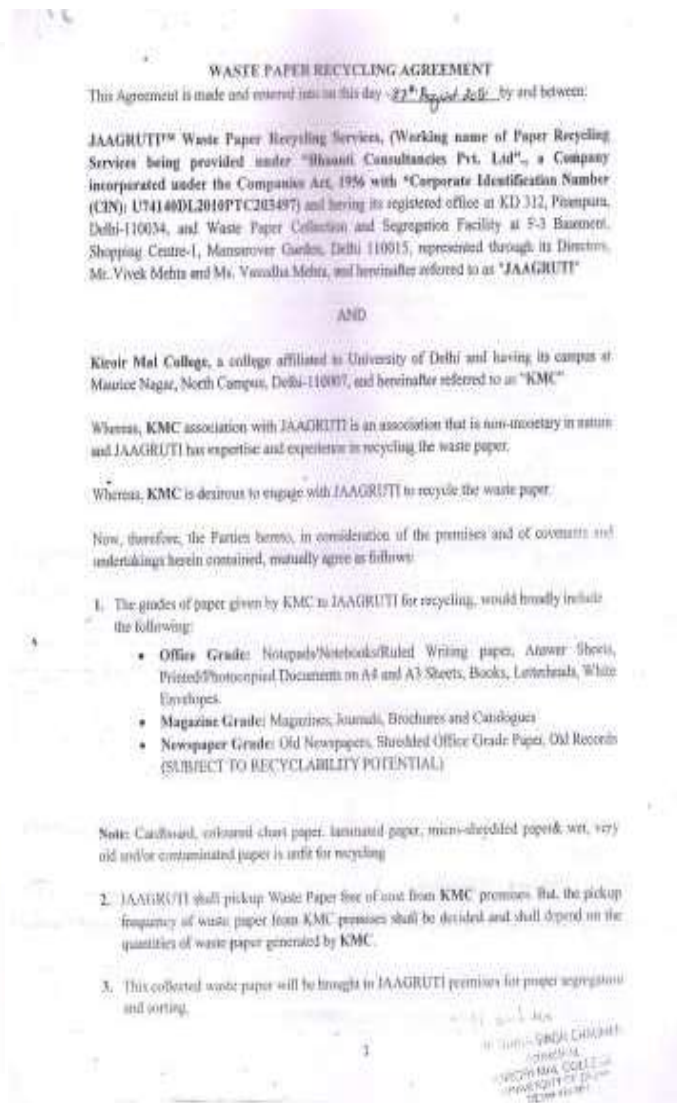
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**iv. Paper Recycling:** The college is minimising the use of paper. Every possible communication is via e-mails. Several programs have been initiated to recycle paper waste. Eco club in collaboration with Delhi Government, recycled the waste paper of the science block. KMC has also signed an agreement for waste paper recycling services to recycle office-grade, newspaper grade and magazine grade paper. Waste paper is collected from KMC premises, segregated, sorted and sent to a paper recycling mill.



Agreement for biomedical waste



Agreement for paper recycling

**v. E-Waste:** The generated waste is stored in the store-room and obsolete, broken, and loosely discarded E-waste generated in the college is disposed of through a tendering process following all the norms. It is given to



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the registered vendors with an undertaking that same would be processed or recycled in an environmentally friendly manner as per Government of India guidelines. This ensures their safe recycling. Apart from that, we organize an E-Waste Awareness Campaign with the registered organizations

SUPPLY OF SERVICES KIRORI MAL COLLEGE UNIVERSITY OF DELHI, DELHI - 110007					
Contact: GSTIN - 07AAATK6678A3ZL					
AAATK6678A3ZL			Date of Invoice: 17.6.2022		
of Invoice: KMC/2022-23/07					
Receiver of services M/s Greenwish E-Waste Recyclers F 162 Industrial Area, Kosi Katwan Extension 1, Kosi Kalan, Mathura - 281403. Uttar Pradesh					
Code: 09	Unique ID: 09BXEPK8965L1ZM	SAC Code	Qty	Rate	Total Value
	Description of services		1 Lot	336,399.00	336,399.00
	E-Waste & Electrical Waste				-10,453.00
	MSTC Service Charge				
Total				Total Amount before Tax	325,946.00
Total Invoice amount in words				Add: IGST - 5%	16,820.00
Account Name: Kirori Mal College General Fund A/C				Total Amount after Tax	342,766.00
Account Number: 51522010003240				GST on Reverse Charges	
C Code: PUNB0515210				Certified that the Particulars given above are true and correct and the amount indicated	
Bank Address: Kirori Mal College, Mourise Nagar, Delhi - 110007				M/s KIRORI MAL COLLEGE	
				Principal / Authorised Signatory	
				KIRORI MAL COLLEGE (UNIVERSITY OF DELHI) DELHI-110007	

Received  
Shashi Kishore  
17/06/22  
1945230

College undertaking e-waste management through registered recyclers registered with MSTC.





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**Workshop On E-Waste Management** - NSS KMC in collaboration with E-Junki and Hulladek, held a workshop on E-waste management on **4th September 2021**. Mr. Devanahalli Chopra (2x Entrepreneur and a digital marketer) and Mr. Aditya Rai (Social entrepreneur and digital marketer) enlightened us about E-waste. Relevant workshop details and poster were shared on our social media platforms.



Workshop on E-waste management



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BHOOMI-THE ECO CLUB  
KIRORI MAL COLLEGE

**E-WASTE DAY**

Consumer is the key to Circular Economy!

CONVENOR  
DR. ANJALI PRIYADARSHANI

PRESIDENT  
SHUCHI

**E-WASTE**

- Electronic waste or e-waste describes discarded electrical or electronic devices. Used electronics which are destined for refurbishment, reuse, resale, salvage recycling through material recovery, or disposal are also considered e-waste.
- E.g- Television, Mobile, DVD Players Laptop, Projector, Scanner, Printer, LED, etc.
- According to the UN, in 2021 each person on the planet will produce on average 7.6 kg of e-waste, meaning that a massive 57.4 million tonnes will be generated worldwide.

**WAYS TO MINIMIZE  
E-WASTE**

- **Re-evaluate:** Do you really need that extra gadget? Try finding one device with multiple functions.
- **Extend the life of your electronics.** Buy a case, keep your device clean, and avoid overcharging the battery.
- **Buy environmentally friendly electronics.** Look for products labeled Energy Star or certified by the Electronic Product Environmental Assessment Tool (EPEAT).

On account of E-Waste day on Oct 14, Eco club organized social media campaign .