

**AMAR SHAHEED BABA AJIT SINGH JUJHAR SINGH
MEMORIAL COLLEGE, BELA, RUPNAGAR (PUNJAB)**

SESSION 2019-2020



WASTE MANAGEMENT COMMITTEE REPORT

MEMBERS OF WASTE MANAGEMENT COMMITTEE

1. Dr. Ketanpreet Kaur (Department of Economics)
2. Asst. Prof. Navjot Bharti (Department of Biotech.)
3. Asst. Prof. Himani Saini (Department of Chemistry)
4. Asst. Prof. Love Singla (Department of Biotech.)
5. Asst. Prof. Ramandeep Kaur (Department of Commerce)

INTRODUCTION TO WASTE

Waste management is the precise name for the collection, transportation, disposal or recycling and monitoring of waste. This term is assigned to the material, waste material that is produced through various activities. This material is managed to avoid its adverse effect over human health and environment. The most important reason for waste collection is the protection of the environment.

AIMS AND OBJECTIVES:

- Avoiding and minimizing the generation of waste.
- Promoting and ensuring the effective delivery of waste services.
- Monitoring and reporting on performance with waste functions.
- To ensure that all are aware of the impact of waste on their health and environment.
- To ensure the proper cleanliness of the college campus and protection of the environment.
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REPORT

Meeting of waste management committee, A.S.B.A.S.J.S.M.College,Bela

Meeting was organized on 13/08/2019 in the faculty room of college. It continued for half an hour.

The following members were present-

1. Dr. Ketanpreet Kaur (CONVENOR)
2. Asst. Prof. Himani Saini
3. Asst. Prof. Ramandeep Kaur
4. Asst. Prof. Love Singla
5. Asst. Prof. Navjot Bharti

AGENDA: - To sensitize the students about the importance of waste disposal and to get information about the types of waste generated inside the college campus.

POINTS OF DISCUSSION-

- Students was addressed by the Principal Mr. Surmukh Singh about the importance of proper waste disposal.
- Type of waste generated in college campus is checked and information was discussed.

DECISION:

- Dr. Ketanpreet Kaur has assigned as the head of this committee.
- Survey of different areas of college campus regarding the waste generated and requirements of bins at different places.

REPORT:

In meeting, we examined and recorded various parameters related to management of waste in the college campus. For this, we visited and observed the college campus. After the observation we came to following results:

- There are no proper waste collecting bins placed at required areas. The drums having no cover lids are in use for the disposed waste.
- There is no segregation of waste being done i.e. the all kinds of waste (plastic, paper, sand, cement etc.) is collected in a single bin.
- There is blockage of water in the kitchen of canteen.
- Total number of collecting bins required =10
- Total solid waste collected per day= 2 full bins

- Approximate quantity of paper waste= 2 kg/per day

After observation, following requirements are needed:

- Two different colored bins are required for disposal of plastic and paper waste separately.
- The bins must be of good quality and durability with their lids present.
- Repair and maintenance required in canteen kitchen.
- Proper guidelines, slogans and instructions need to be addressed.

Requirement of new bins:

Ground floor-6

First Floor-8

Second floor-8

Inside canteen-2

Kitchen-3

Meeting of waste management committee, A.S.B.A.S.J.S.M.College,Bela

Meeting was organized on 04/09/2019 in the faculty room of college. It continued for half an hour.

The following members were present-

1. Dr. Ketanpreet Kaur (CONVENOR)
2. Asst. Prof. Himani Saini
3. Asst. Prof. Ramandeep Kaur
4. Asst. Prof. Love Singla
5. Asst. Prof. Navjot Bharti

POINTS OF DISCUSSION:

- In this meeting, we have discussed about previous pending issues.
- The committee has discussed about how to handle and dispose of the hazardous waste produced/generated from different departments of the college campus.
- To issue guidelines regarding canteen waste management like how to dispose different types of waste in different types of dustbins.

Report- In the first meeting of waste management committee, the committee members have discussed the segregation of various kinds of waste generated in the college campus. So, the committee members has suggested that there should be different collecting bins for various kinds of solid wastes. We all discussed about the cleanliness guidelines that can be implemented to the college campus and canteen for the waste management as there is no segregation suggested different color codes bins for several kinds of solid waste. The color codes are as follows-

Green- Wet college waste

Blue- Dry college waste

Meeting of waste management committee, A.S.B.A.S.J.S.M.College,Bela

Meeting was organized on 12/09/2019 in the faculty room of college. It continued for half an hour.

The following members were present-

1. Dr. Ketanpreet Kaur (CONVENOR)
2. Asst. Prof. Himani Saini
3. Asst. Prof. Ramandeep Kaur
4. Asst. Prof. Love Singla
5. Asst. Prof. Navjot Bharti

POINTS OF DISCUSSION:

In this meeting, we have discussed about the policies of waste management committee. The discussion was held in IQAC room with the higher authority. Following points were discussed in the meeting-

1. About the treatment of biomedical waste
2. The areas where the solid waste bins are to be placed.
3. Identification of unhygienic areas of canteen
4. Discussion about the management of e-waste

Report- This meeting of waste management committee was held in IQAC room with higher authorities regarding the discussion of various policies of solid waste management and proper treatment of biomedical waste. Two members of the committee also visited the college campus to identify the several areas from where solid waste is generated and analyzed the unhygienic areas of college canteen.

Meeting of waste management committee, A.S.B.A.S.J.S.M.College,Bela

Meeting was organized on 03/10/2019 in the faculty room of college. It continued for half an hour.

The following members were present-

1. Dr. Ketanpreet Kaur (CONVENOR)
2. Asst. Prof. Himani Saini
3. Asst. Prof. Ramandeep Kaur
4. Asst. Prof. Love Singla
5. Asst. Prof. Navjot Bharti

POINTS OF DISCUSSION:

In this meeting, we have discussed about the following-

1. Regarding the distribution of 7 dustbins (blue and green)
2. Blue colored dustbins for dry waste and green colored for wet waste.
3. Discussion about the places where the dustbins is to be placed.

Report- We all decided to analyze the solid waste collected in different bins daily, then examination of waste was continued till the end of month to know the total quantity of solid waste generated in the college campus. Further discussion was continued on the necessary steps that has to be taken for the proper management of solid waste and biomedical waste.

Meeting of waste management committee, A.S.B.A.S.J.S.M.College,Bela

Meeting was organized on 04/11/2019 in the faculty room of college. It continued for half an hour.

The following members were present-

1. Dr. Ketanpreet Kaur (CONVENOR)
2. Asst. Prof. Himani Saini
3. Asst. Prof. Ramandeep Kaur
4. Asst. Prof. Love Singla
5. Asst. Prof. Navjot Bharti

POINTS OF DISCUSSION:

Points that had been discussed in this meeting-

1. To analyze the collection of waste in next coming 15 days and its disposal management
2. Finalize the result after 15 days of this meeting.

REPORT-

The committee members have noted the quantity of waste generated and the necessary steps taken to minimize the amount of waste generated. The point raised regarding the disposal of e-waste that has to be discussed with higher authorities in next coming meeting in officialdom.

Meeting of waste management committee, A.S.B.A.S.J.S.M. College, Bela

Meeting was organized on 22/01/2020 in the faculty room of college. It continued for half an hour.

The following members were present-

1. Dr. Ketanpreet Kaur (CONVENOR)
2. Asst. Prof. Himani Saini
3. Asst. Prof. Ramandeep Kaur
4. Asst. Prof. Love Singla
5. Asst. Prof. Navjot Bharti

POINTS OF DISCUSSION:

1. For the reframing policy according to the government guidelines.
2. Making the road map.
3. Biomedical waste disposal is discussed.

REPORT:

In this meeting, policies are reframed according to the government guidelines. The solid waste is segregated according to the biodegradable and non-biodegradable pattern. Road map is constructed for the Biomedical waste collection is done at the animal house in the college campus. The waste is collected in separate collecting bins and is properly maintained.



Different types of bins for biomedical waste disposal



COLOUR CODING FOR WASTE DISPOSAL



Category

Type of Waste as per BMW Rules 2016



YELLOW BAGS

**give after pre-treatment
at hospital as per
NACQ/WHO guidelines.*

#expired cytotoxic drugs/medicines to be given in separately identified yellow bags.

ALL ANATOMICAL & LAB WASTE

BODY PARTS, PLACENTA, FLUIDS, BLOOD BAGS*,
MICROBIOLOGY* & BIO-TECHNOLOGY* WASTE,
OTHER LAB / PATH WASTE

ALL CONTAMINATED WASTE

DRESSINGS, PLASTER CASTS, LINENS, MATTRESSES,
SURGICAL WASTE, SOILED BANDAGES,
BLOOD / FLUID SOAKED MATERIAL, EXPIRED MEDICINES*



RED BAGS

PLASTIC WASTE

TUBINGS, CATHETERS, IV SETS,
SYRINGES WITHOUT NEEDLES, URINE BAGS, GLOVES ETC.
NO BLOOD BAGS PLEASE



WHITE TRANSLUCENT PUNCTURE
PROOF CONTAINERS

DISCARDED SHARPS

SCALPELS, BLADES, NEEDLES, LANCETS,
FIXED NEEDLES SYRINGES &
OTHER SHARPS THAT CAN CUT OR PUNCTURE



CARDBOARD
BOXES WITH
BLUE MARKING

GLASS WASTE

GLASS BOTTLES, VIALS, AMPOULES, etc.

METALLIC IMPLANTS

NO AMPOULES WITH CYTOTOXIC WASTE PLEASE

*Liquid waste from OT, Lab etc. to be pre-treated with 10% Sodium Hypochlorite solution
having 30% residual chlorine for 20 min. before discharging in sewers.*

CIRCULATED BY:



RAINBOW ENVIRONMENTS PVT LTD

A Common Hospital Waste Treatment Facility at Mohali

Telephones: 98554 04664 , 93567 85705

e-mail : customersupport@rainbowradical.com

Meeting of waste management committee, A.S.B.A.S.J.S.M. College, Bela

Meeting was organized on 18/02/2020 in the faculty room of college. It continued for half an hour.

The following members were present-

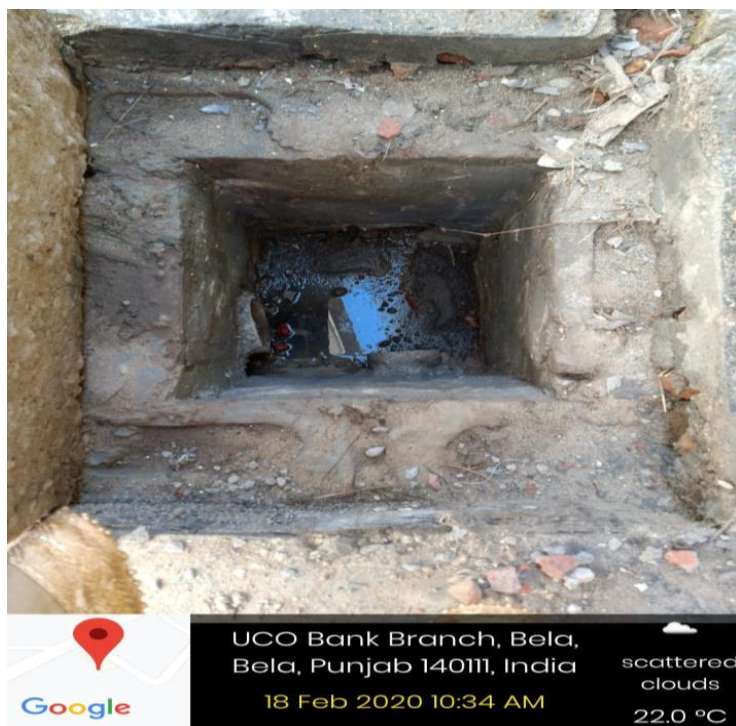
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POINTS OF DISCUSSION:

1. Liquid waste disposal is checked and proper channelization is seen.
2. Proper guidelines regarding proper disposal of waste for the lab attendants.

REPORT:

For the liquid waste generated from the laboratories, separate pits are constructed where the liquid waste is collected and is diluted using strong base for neutralization. Lab attendants are issued proper guidelines for waste disposal.



Pits was constructed for the liquid waste