

## Waste Management:

A large amount of waste in the surroundings results in health problems. The Institution activities may produce different types of waste which requires proper treatment and disposal to prevent the environment and to increase public health. The institutions prioritize the health of the environment throughout the year, it prioritizes the sustainable development for the future generation.

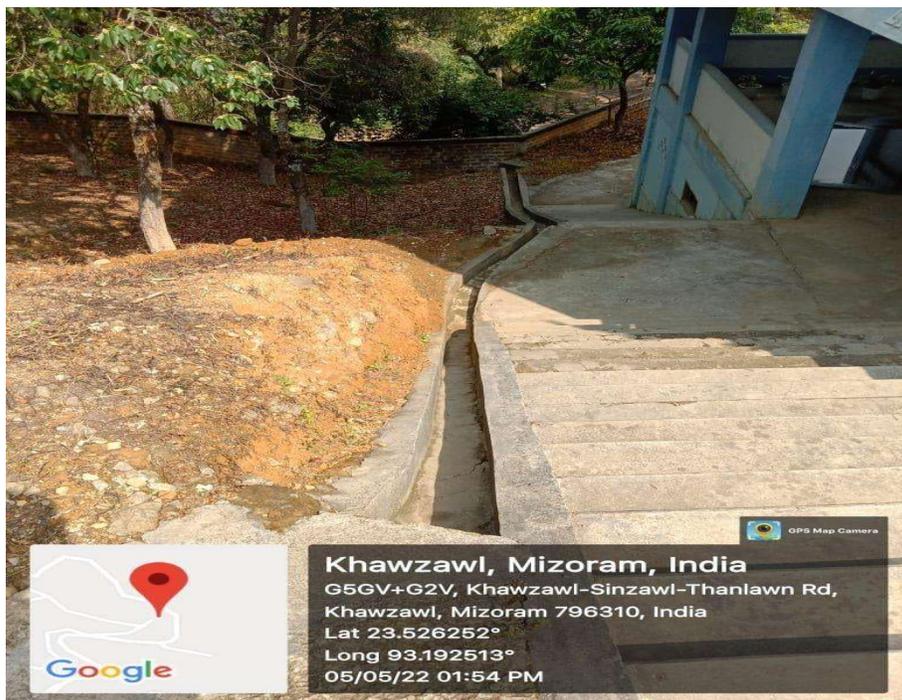
Various steps have been taken by the institution for proper waste management. The wastes produced by the institution are carefully segregated in the institution for proper disposal. Different waste bins for different waste are allocated in the campus. The institution wastes are mainly categorized into solid, liquid and electronic waste. Different methods were applied to dispose these wastes as mentioned below.

### Liquid Waste Management:

1. The liquid waste generated in the campus is mainly Canteen waste.

### Measures taken for liquid waste management:

1. The institution has a drainage system for its sewages.
2. Waste water from the toilet is collected in septic tanks located in various parts of the campus.



### 1. Side drain



### **Solid Waste Management:**

Solid wastes generated in the institution are mainly Canteen waste, paper waste, toiletry waste, weeds, wrappers, litter and dried tree leaves and trunks.

### **Measures taken for solid waste management:**

1. Campus wastes are separated into Biodegradable and Non- Biodegradable waste.
2. Three types of waste bins are provided at campus for biodegradable, non-biodegradable and electronic waste. These wastes are managed depending on the nature of the waste. Biodegradable waste includes paper, canteen waste, weeds, litter and tree leaves and trunks.
3. Paper wastes are collected and are recycled through Paper Bags. Making Activity carried out by the student as NSS and Eco-Club activities.
4. The unused papers in the examination booklet are sorted out and bounded as booklets which are further used as answer sheet in the internal or class test.
5. The biodegradable waste like litter, weeds and canteen waste are dumped in an Vermicomposting Pith, which are utilised as an organic fertilizer for plantation within the campus.

6. The food waste generated by the students and staffs are taken back to their home, so that, minimum waste is generated inside the campus.
7. The non-biodegradable waste like plastic, polythene, etc. are collected in separate bins which are disposed to Garbage Truck which visit the institution weekly, and are further segregated by the Department of Sanitation, Government of Mizoram for recycling process.
8. Uses of incinerators are prohibited in the campus to reduce and check the air pollution.
9. The institution is a plastic free campus.



**2. Segregation of waste.**



### 3. Paper bag making activity





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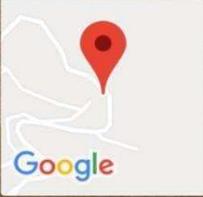


### **E- Waste Management:**

When an electronic device required requires a repair in the institution, the minor ones are done by the teaching and non-teaching staff. The major repairs are handled by the professional. The equipment which cannot be re-use are marked as recyclable and are put in an E-Waste bin.

### **Measures taken for E-waste management:**

1. The institution assures that the E-waste does not end up in a landfill.
2. Wastes from different electronic devices are carefully collected in a separate bin and are send to the authorities.



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### **Report and Recommendations:**

The different points with regard to Green Audit and Environmental Management were thoroughly studied and scrutinized. In this regard, it is noteworthy to say that Govt. Khawzawl College has undertaken a laudible and recommendable effort in addressing its environment impact/ effect, even though it faced many hurdles and obstacle in the process of managing and developing a compact eco-friendly campus.

It is also notable to mentioned herewith that these steps undertaken will further enhance and help in the development of bringing about a sustainable eco-friendly environment. The present reports shows that there is ample scope for improvement on various grounds and thus, tackling these loopholes can be managed through continuous monitoring and practice of action plans formulated which will help in attaining a better and higher status from the prevailing position or level.

#### **Noteworthy practices :**

- . The institution is plastic free zone
- . The campus runs on solar power and 80 % of its energy consumption is generated from this solar energy plant
- . The street lights installed in and around the campus are all solar energy
- . Rain water is harvested
- . Paper recycling is practiced and promoted among the students.
- . Buildings are built and designed in such a way that is well lit and well ventilated

#### **Recommendations :**

- . Waste water management needs better designed and practice in the campus.
- . Centralised Sewaged treatment plant which is environment friendly may be set up to reuse all the grey water and avoid fresh water for watering plants.
- . Rain garden to be made functional.
- . The public lights within the campus may be run with solar panels .
- . Fire safety instrument should be installed in all the buildings.
- . Vehicles pooling should be encouraged in the institution and use of bicycles can be promoted.