



# Waste Management



## **GOVERNMENT COLLEGE NEDUMANGAD**

**UNDER GOVERNMENT OF KERALA  
NEDUMANGAD, THIRUVANANTHAPURAM, KERALA- 695541  
*Accredited by NAAC with 'B' Grade***

## **WASTE MANAGEMENT**

The college community is very much aware of the need for the proper disposal of waste generated in the college. Collective efforts are made for the effective treatment of all types of waste accumulated in the college. The institution strictly follows 3Rs Principle -Reduce Reuse and Recycle for the management of all kinds of waste. Proper awareness is imparted to students at the beginning of every academic year.

### **Solid waste Management**

For the treatment of solid waste, degradable and non degradable wastes are collected separately in different containers. The 'Green Army' of Nedumangad Municipality collects the non degradable waste twice in a month regularly for recycling.

For the treatment of Degradable waste the college has maintained a Vermi Compost pit which converts bio-waste to organic manure. This organic manure is used as fertiliser in the organic vegetable garden maintained in the college.

The College has introduced a Green Protocol and the institution strictly follows 'Green Protocol' while conducting seminars and other events. Instead of using paper glasses or other disposable types of glasses, steel tumbblers are used to serve water and other drinks in all the seminars and other official programmes. The College PTA has contributed sufficient number of steel plates, glasses and other steel utensils to college and college canteen for this purpose.

Students and faculty of our college are encouraged to use steel lunch boxes and usage of plastic bottles is not encouraged inside the campus. Students are given awareness to use paper pen instead of plastic pens.

Flex boards are banned inside the campus and as an alternative, cloth banners and other natural materials like coconut leaves are used as publicity material for various programmes.

For the disposal of sanitary waste, electric incinerators are installed in lady's toilets, one in the Commerce block and another in the Main Block. There is one manual incinerator for burning paper waste.

Efforts are made to make the functioning of the college paper free by introducing online file management system for different purposes like admission process, and online submission of bills and official proposals. We are using office automation software for academic and administrative services. The College has introduced an Online Attendance Management System since 2016.

### **Liquid Waste Management**

The college has a well structured drainage system for the management of liquid waste generated from wash rooms of all the buildings of the campus and the canteen. Waste water is transported through sewerage system having a network of underground pipes.

Drinking water facility is arranged in every building of the campus. Wastage of drinking water is restricted through proper monitoring.

Regular checking and repairing of taps, drainage and water pipelines are periodically undertaken for the effective management of water usage.

### **E-Waste Management**

College Community is aware of the hazardous consequence of e-waste accumulation. So maximum effort is taken to reuse and reduce the use of computer and other electronic equipment. Purchase of electronic equipments are made only in essential situations. Strict monitoring, checking and repairing of electronic equipments are made under the supervision of Computer Science Department to reduce the unnecessary purchase and accumulation of electronic items.

Initiatives are taken to utilize the existing hardware by regular servicing and employing AMC to reduce e-waste. Reusable parts are separated and used in other systems. Damaged computers and batteries are disposed safely through outside agencies. \

Awareness programmes are also initiated among student as well as staff community about e-waste and its management.





