

SOLID WASTE MANAGEMENT

The college has been maintaining clean and green environment by promoting Swachh Bharat and green campus activities. The campus is cleaned regularly. There are three NSS units in campus conducting many activities for welfare of college and society. The NSS units with volunteers actively participate in Swachh Bharat programmes like cleaning college campus. Most of the waste from the college is solid waste like dry leaves and papers. We use dustbins for every classroom. In all departments and in campus we maintain dustbins. We are promoting plastic free campus activities and so there is no plastic in campus. We are utilizing biodegradable waste like dry leaves for vermicompost preparation. Remaining dry waste and wet waste are disposed separately to municipality communal bins. Our principal, staff and students believe that sustainability is important. Today our education system is with many changes. We are all turning to online programmes like ICT teaching and e-office. Paperless communication is reducing usage of paper.

In our campus we are encouraging green campus activities like plantation programmes which are conducted every year by Department of Botany and NSS units. Our college is a green campus with many plants. So we are collecting dry leaves as solid waste which is utilized to prepare vermicompost. Students involve in vermicomposting because it is very useful to plants in the botanical garden. We hope that vermicomposting with biodegradable waste is the best solid waste management in the college campus. In 2018, vermicompost pit of size 175cm x 185cm was constructed in Botanical garden. Students pour the soil containing earth worms collected from the garden into the vermicompost pit so that they get practical experience. On this soil layer they pour the dry leaves and plant debris collected from the campus during cleaning programmes. Thus soil layers are alternated with solid waste layers and earth worms are added to this. This is maintained wet by adding required quantity of water. On the top of the pit wet gunny bags are covered to keep the pit always wet. Vermicomposting has been combinedly organized by Department of Botany and Department of Zoology. Vermicompost contains water-soluble nutrients and is an excellent, nutrient rich organic fertilizer. It is best soil conditioner. It is used in sustainable organic farming. This organic fertilizer improves soil aeration and enriches soil with microorganisms. It improves water holding capacity and enhances germination, plant growth, and crop yield. Vermicompost is a solid waste management in which biowaste conversion reduces waste flow to landfills. Elimination of bio-waste from the waste stream reduces contamination of other recyclables collected in a single bin. It is an environmental friendly method when compare to incinerators or landfills.

The outcome of this project is a small cycle of nitrogen. As a fact of this they (students) learn the importance of nature-balancing. If we play our role in the nature, ultimately nature cures itself and provides us good manure which is so natural and harmless. We can reduce the use of artificial fertilizers, as well pesticides. Good food builds good and healthy society. A healthy society makes a hygienic nation.