

### **7.1.3 The Institution has facilities for the management of the following types of degradable and non-degradable waste**

Rajarshee Shahu Science College, Chandur Railway strives to provide the quality education as per the vision and mission statement. College has identified the areas of sensitization of students in relativity with environment, energy, sustainability inclusiveness and provided a conducive environment through the facilities and activities in tune with the Perspective plan, policies, and procedures. This helped in accepting the challenges of 21st century and NEP 2020 to undertake initiatives to address glocal (Global and Local) issues. The role of institute is reflected in terms of various programmes and activities incorporating within its regular functioning. The Institution has facilities and initiatives for

#### **1. Management of the various types of degradable and non-degradable waste**

The virtuous methods for energy saving, waste disposal, purchase of environment- friendly supplies, and an effective recycling process are some of the practices run into the campus. The campus is wi-fi enabled and hence circulars and other communication is done online minimising paper wastage. Sanitary napkin incinerator is installed in the campus. Reduce, Reuse, recycle is one of the best practices of the Institution. The Department of Chemistry has adopted simple analysis which has reduced the chemical consumption to half of the regular usage in conducting lab experiments. Cleanliness drive run in campus regularly through campus beautification committee. During this, collected garbage or falling leaves are kept in vermicompost plant for further procedure.

#### **Waste management**

To keep campus, clean, neat and tidy, Dustbins are placed in the college premises, corridors and office. Cleanliness drive in campus for collection of garbage and solid waste by NSS students. The waste water is discharged through regulated channels, pipelines and released into the drainage facility provision in the campus.

### **E waste management**

The e-waste is limited in the campus by maintaining as own repair centre for computer and computer-based items. E-waste at our college refers to electronic equipment that has gone out of use. The cartridge of printers is refilled from a suitable vendor and reused it. Electronic goods are put to optimum use; the defective ones are set right and reused. The equipment which cannot be refurbished for re-use is dismantled and disposed of as recyclable. The minor repairs are done by the Laboratory assistants but the major repairs are handled by the Technical Assistant and are reused. Also, in institute some unused equipment has been kept, which is use for enhancing students' knowledge and giving them idea about technology advancement.

## MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

### Vermicompost Unit

Vermicompost unit is used to make manures and fertile compounds by dumping decaying biodegradable items. It contains numerous vital elements for plant growth and is hence frequently used as fertilizer. To create a culture of eco-friendly festival SIGNature Club had taken an initiative to collect the waste flowers and garlands offered to gods, bouquet during celebration of birth anniversary of social reformers, other educational programme, Ganesh Chaturthi festival and Navratri Utsav etc. All the waste garbage's biomass was collected by the student, staff and nonteaching staff also to convert it into the compost by biodegradation process in vermicompost unit constructed in the college campus.



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