

**Lonavala Education Trust's**  
**Dr. B. N. Purandare Arts, Smt. S. G. Gupta Commerce & Smt. S. A. Mithaiwala**  
**Science College, Lonavala**

**Re-Accredited by 'B' Grade in the 2<sup>nd</sup> Cycle by NAAC**

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**NAAC Criteria VII: Institutional Values & Best Practices**

**7.1.3. Waste Management Initiatives: -**

Describe the facilities in the institution for the management of the following types of degradable and non- degradable waste (within 500 words).

**Response: -**

The institute believes in “Green & Clean – is our perfect dream”. The activities that are carried out in the institution have very low impact on the environment it is very keen on generating less waste. Campus cleaning is carried out at regular intervals to keep the campus neat and clean. Tree plantation is done in order to maintain a balanced and clean atmosphere and greenery. ‘No use of Plastic’ is strictly implemented in the campus. Environment consciousness is taught to the students in order to maintain the immaculate purity and beauty of college and also to provide a convivial atmosphere for academic and non-academic pursuits.

***The institute implements Waste Management Practices as under:***

**1. Solid Waste Management: -**

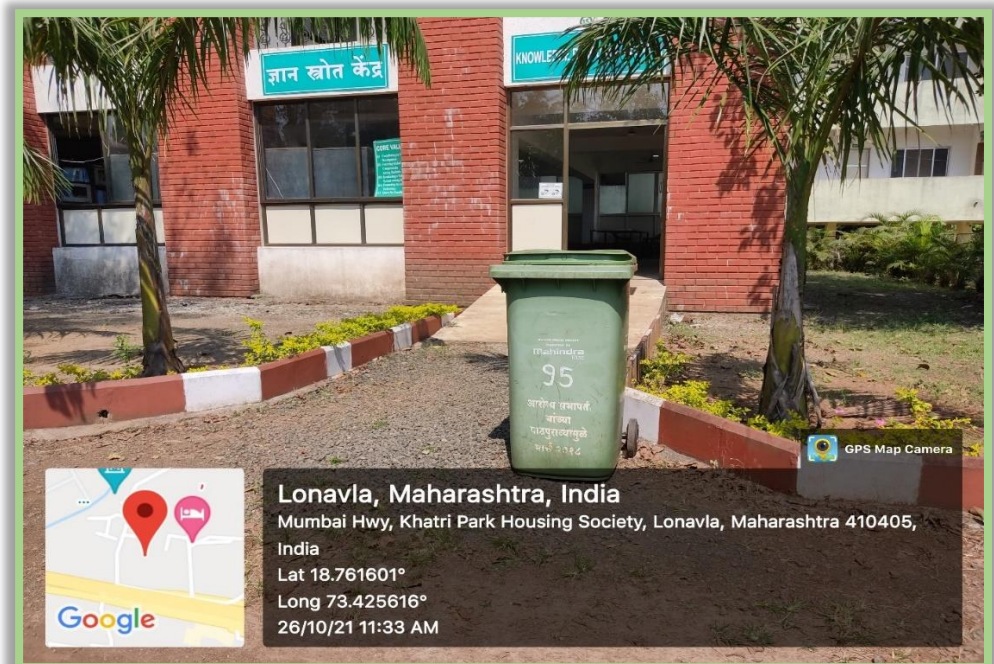
The solid waste that is generated in the college campus includes papers, plastic, wrappers, old newspapers, used files, old projects, practicals, scrap, etc. The waste materials are collected and sold out to scrap vendor from time to time or it is given to external agencies where they are segregated and recycled or disposed according to the nature of waste. Leaf litter is allowed to decompose in to the dump yard made in the campus. Sanitary Napkin disposal machine is installed near girls' washrooms for safe disposal of sanitary napkins in an eco-friendly way. Less use of Paper is made as majority of the administrative and academic work is carried on with the help of computers and internet. The college has installed 'Vridhhi' software through which all the record of students admitted every year is maintained. The office coordination is done through mails. The student's assignments and projects are collected in soft copies. Every day all the academic buildings and other surrounding area in the campus are cleaned and disposed accordingly. The students are educated on proper waste management practices through lectures. Waste is collected on a daily basis from various sources and is separated as dry and wet waste. Colour coded dustbins are used for different types of wastes. Green for wet and blue for solid waste.

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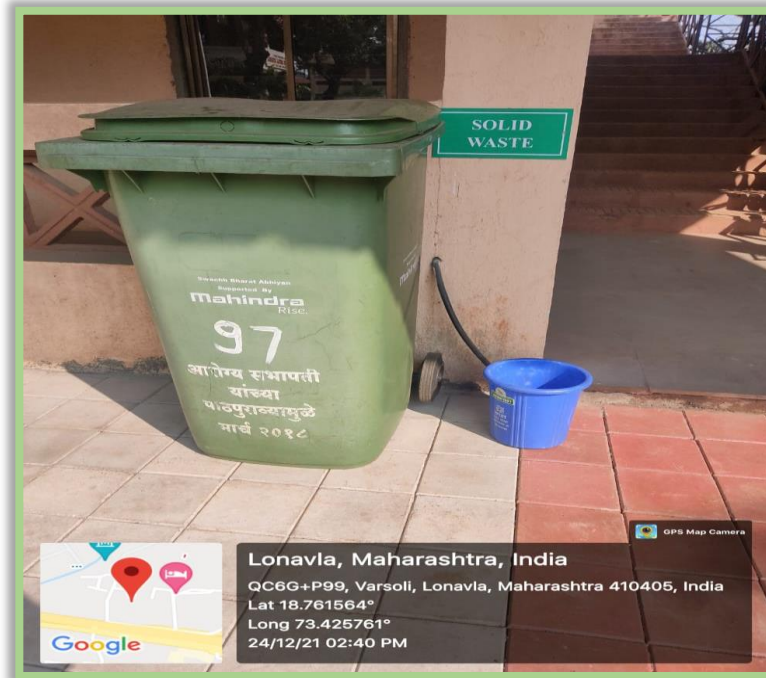
**Solid Waste Dustbins:**



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**2. Liquid Waste Management: -**

Liquid waste is generated through toilets and canteen. The Liquid waste is let out as effluent in to a proper drainage system to avoid stagnation.

***Drainage System for Liquid Waste***



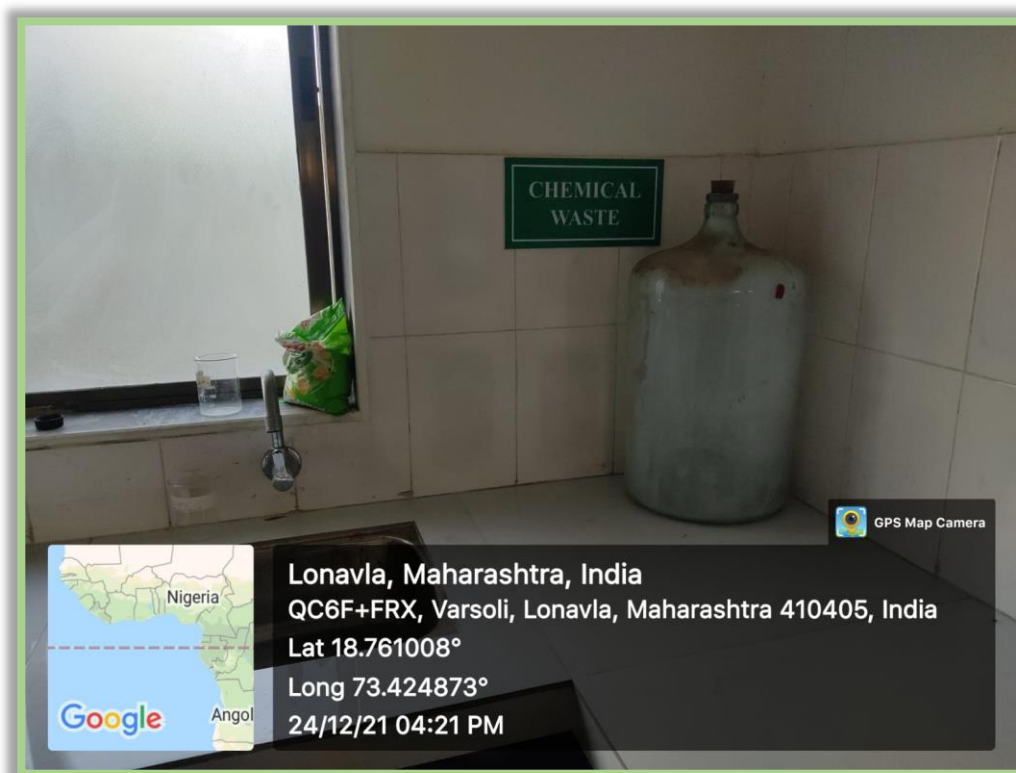
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**3. E-waste Management: -**

Electronic goods are put to optimum use; the minor repairs are set right by the Laboratory assistants and teaching staff; and the major repairs are handled by the Technical Assistant and are reused. All the miscellaneous e-waste is collected from every department and office and delivered for safe disposal. Scrap is disposed to junkyard. Empty toners, cartridges, outdated computers and electronic items are sold as scrap to ensure their safe recycling.

**4. Chemical Waste Management: -**

The recycling of Chemical waste is necessary so that harmful chemicals are disposed of properly. The less hazardous chemicals are diluted with plenty of water and drained-off in the basin. Hazardous chemicals are collected in a separate container depending upon the type of chemical and they are neutralised with a particular reagent and then disposed-off.



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