

7.1.2 Alternate sources of energy and energy conservation measures, degradable and non-degradable waste, Water conservation, Green campus initiatives, Disabled-friendly, barrier free environment

Energy conservation is the practice of reducing energy consumption. Energy is conserved to reduce the cost of consumption and preserve the limited existing energy resources. Energy can be conserved by using energy efficient devices and other methods to consume energy and reduce the use of energy when there is no need. It is important to conserve energy.

- **Use of LED bulbs/energy efficient equipment.**


Our Institute uses star rated CFL, LED and power equipment etc. They consume less electricity, which in turn results in lower energy utilization. Institute purchases electrical equipment that has an Energy Star rating according to the Office of Energy Efficiency Standard (BEE) that guarantees relatively lower consumption of electricity. Our Institute has installed LED lighting throughout the campus for low energy consumption and replace old lighting systems. Our institution also initiated measures for alternative energy sources to energy conservation.

- The Institute adopted energy efficient lighting by replacing all tubes and vacuum cleaners. The lights in classrooms, hallways, office buildings and public lighting are replaced by L.E.D. light bulbs to promote energy efficiency.

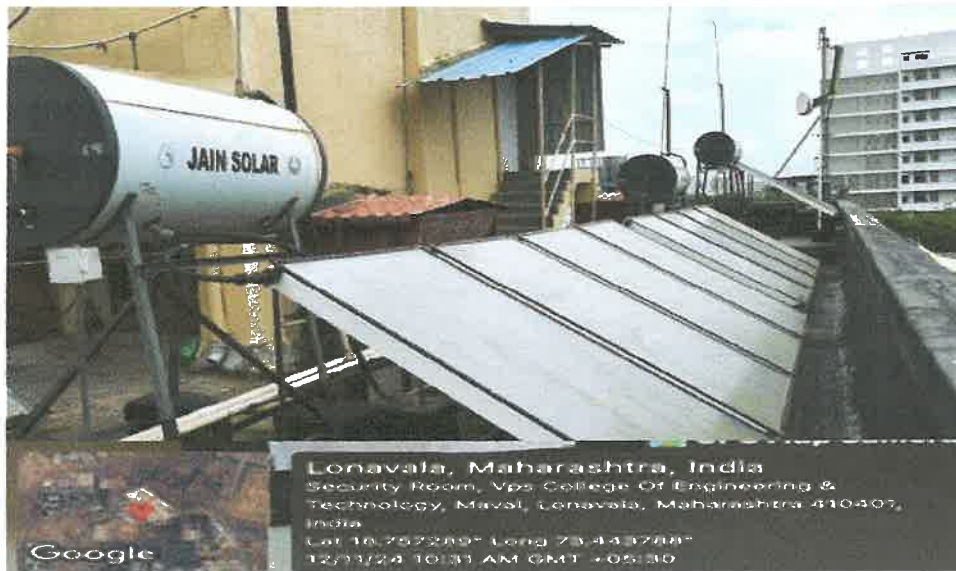
1. Alternate source of energy and energy conservation

- **Led Lights (Seminar Hall-1)**





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- The Institution has facilities for alternate sources of energy and energy conservation



- Solar energy water heater panels (Hostel)




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- **Sensor based energy conservation**



- **Led Lights (Seminar Hall-1)**



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● **Computer Lab**

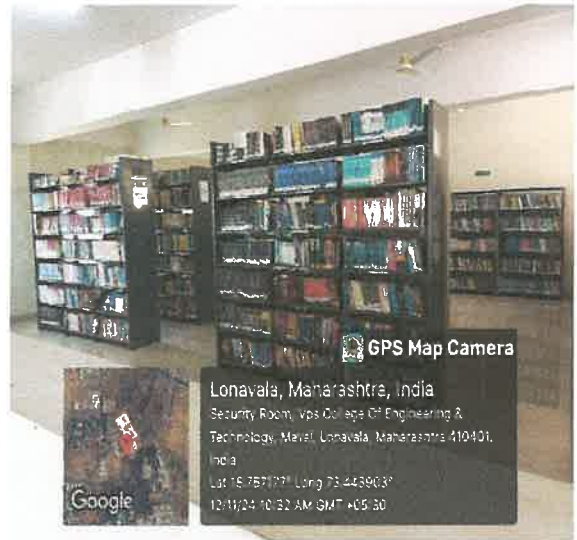


● **Library Siting Area**




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● Library



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