



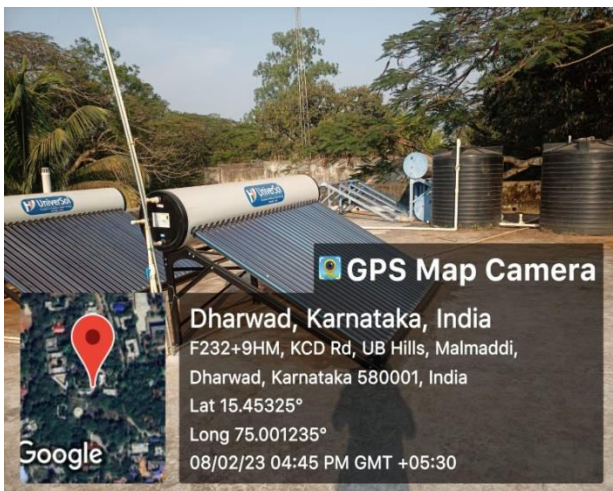
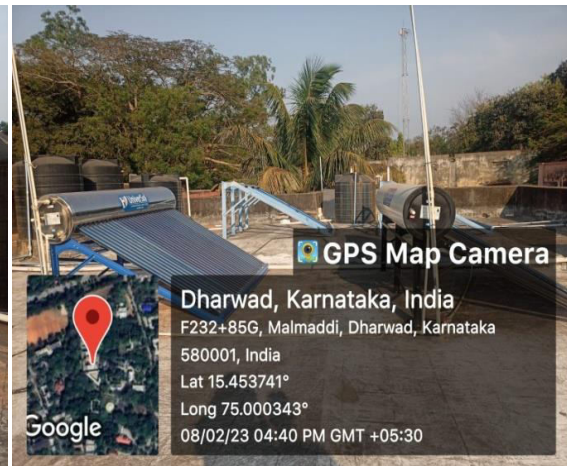
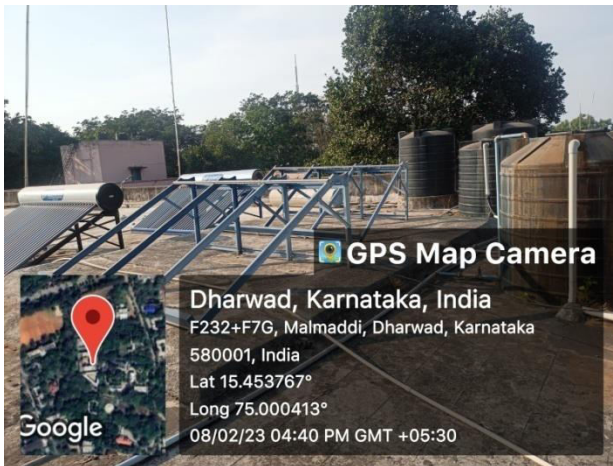
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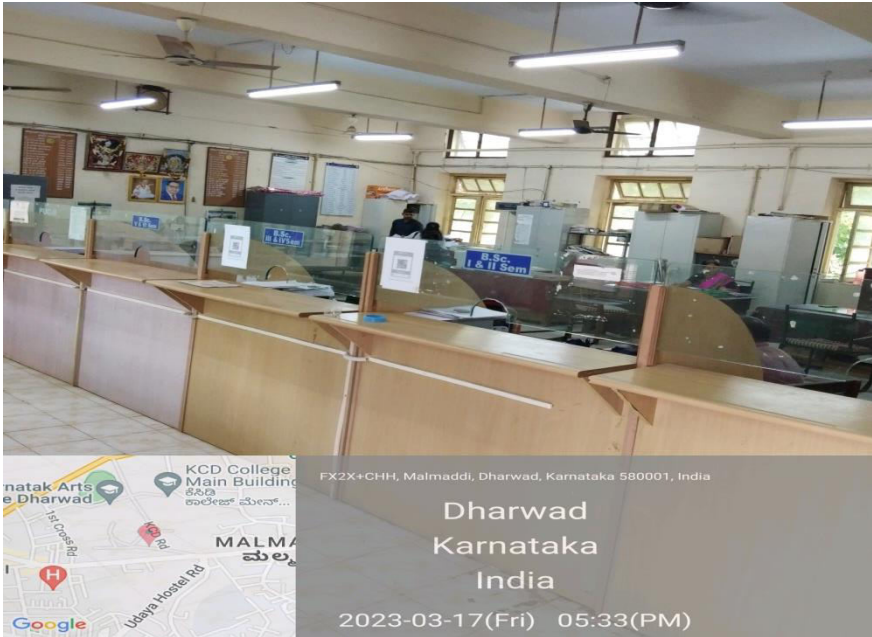
7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures

- Solar energy
- Biogas plant
- Wheeling to the Grid
- Sensor-based energy conservation
- Use of LED bulbs/ power efficient equipment

• **Solar energy:** The institute has given priority to conservation of energy. Although, not able to replace complete energy requirement to solar energy, partially, the energy requirement is fulfilled by conserving solar energy. A huge amount of electricity is consumed in the hostel for water heating purpose hence; to reduce consumption of electricity along with electric geyser solar heaters are installed in both the boys and the girls' hostel. The electric geysers are used during winter season and rest of the time, solar heaters are used. This had drastically reduced the consumption and dependence on electricity.



- **Use of LED bulbs/power efficient equipment:** The construction of the buildings/class is scientific and the rooms receive sufficient natural light and cross ventilation during the day time. In addition, the complete lighting system has been replaced by LED bulbs in all the places wherever it is required.



Electric Vehicle: Staff and students are encouraged to use the electrical vehicle in the campus to maintain the pollution and noise free campus.