

16.4 POLICY DOCUMENT ON THE GREEN CAMPUS

Scope

E.G.S. Pillay Engineering College has adopted many green cover initiatives, there by embellishing the eco-friendly ambience of the campus. Faculty members, staff members and students are directed to prevent pollution, avoid wastage of water and conserve energy by adopting various sustainable measures for the wellbeing of individual and society.

Objectives

Green initiatives implemented within the campus are:

- Enriching greenery inside the campus by planting saplings.
- Sustaining a clean environment by practicing 3R's approach (Reduce, Reuse and Recycle).
- Stimulating the creativity of the students to craft art piece from solid waste.
- Involvement of students in various environmental awareness programme like Swachh Bharat Abhiyan, SwachhtaPakhwada and Swachhta Hi Seva.
- Maintaining rainwater harvesting system and recharging pits/wells to meet the increasing demand of water.
- Usage of environment-friendly products such as paper, cloth and jute bags.
- Diminishing the amount of single use items like plastics, coated paper cups and straws.
- Strive to increase waste diversion by recycling waste water, all papers, cardboard, metals, e-waste, bottles, plastics and cans.
- Production of biogas from food scraps and human excreta to minimize LPG fuel consumption at hostel kitchen.
- Improvisation of energy saving process by installation of solar panels, solar water heaters, LED bulbs and sensor based systems within the campus.
- Promotion of natural lighting inside the classrooms and hostel.
- Turning off lighting and appliances in unoccupied rooms.
- Switching over to e-transaction and maintaining paperless ambience.
- Encouraging students to volunteer for clean upon campus.
- Creating awareness among staff and students to reduce CO2 emission through the usage of bicycles and battery powered vehicles.
- Furnishing waste collection points and specific guidelines for disposal of waste.

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- The use of alternative energy systems such as solar energy, energy saving star labelled equipment, sensor – based switches for street and corridor light bulbs, LED or compact fluorescent light bulbs is promoted.
- Regular maintenance and replacement of equipment is carried out to ensure long –term durability.
- Turning off lights, fans and ventilations in conference rooms, classrooms and labs is emphasised when not in use.
- The maximal use of daylight for indoor illumination and natural ventilation is fortified.
- The energy performance levels in consistent basis are monitored and evaluated.
- Optimum temperature setting of air conditioners and water coolers is fine turned.
- The involvement of faculties, non –teaching staff, students a housekeeper in the creation of the institute as an energy saving model is stimulated.
- Faculty members are encouraged to obtain certification as certified environment and energy auditors and managers to conduct periodic internal audit.

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