

## 16.5 POLICY DOCUMENT ON ENVIRONMENT AND ENERGY USAGE

Our college develops sensitivity and responsibility in implementing green concepts in the campus. The creation and preservation of green campuses is vital, so promoting knowledge about green practises among students and stakeholders is essential. EGS Pillay Engineering college maintains solid waste management, recycling of water, disposal of sewage and waste materials including papers, plastics, electronic and biomedical wastes etc. Effective water management is done to ensure optimal utilization of resources available in the surrounding areas towards future welfare of the community. Institute performs the following practices towards establishment and maintenance of green campus.

### ➤ Landscaping with trees and plants

We create a clean environment by planning a significant number of trees and plants so that it plays a great role as earth's lungs in regulating the CO<sub>2</sub> emission.

### ➤ Save Water Save Life

- Closure of taps when not in use and frequent inspection of valves is encouraged to detect leaks.
- Rainwater harvesting and drainage recycling for drip and sprinkle irrigation are performed.

### ➤ Use of Bicycle / Battery Powered Vehicles

Our college is always ingenious in minimizing the consumption of non-renewable energy by encouraging staff and students to use the bicycle, battery-powered vehicles, public transport and carpooling.

### ➤ Waste Management

- Installation of a biogas plant to convert food waste into biogas is there to reduce LPG consumption.
- Awareness on the importance of waste management to the stakeholders is created.
- Promotion of paperless work reduces the waste generation.

### ➤ Pedestrian – Friendly Pathways

Pedestrian –friendly pathways are abounded with noticeable logos/sign boards in our campus.

### ➤ Ban on Use of Plastic

- NSS is committed in making the campus plastic –free.
- Single –use plastics are prohibited in all classrooms, laboratories, canteens and dorms.

### ➤ Save Energy

- The power management features on the computer and monitor lowering power consumption is adopted.

ATTESTED

  
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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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