



# ST. GONSALO GARCIA COLLEGE OF ARTS & COMMERCE

Behind Vasal Cricket Ground, Vasal (w), Dist. Palghar - 401 201.

Phone No. 7767811134 / 7767811194

(UNDER THE MANAGEMENT OF ROMAN CATHOLIC CHURCH OF OUR LADY OF GRACE TRUST)

(NAAC re- accredited 'B' grade)

## ACTION TAKEN REPORT ON ENERGY/ ENVIRONMENT USAGE AND GREEN INITIATIVES

St. Gonsalo Garcia College is committed to the responsible use of energy and protecting the environment by adopting innovative green initiatives. The college has conducted green audit energy audit fire safety audit and has got a number of recommendations from the experts based on their recommendations discussion was held at various levels and suitable decisions were taken and implemented with respect to use of energy environment and adopting various initiatives for maintaining flora and fauna on the campus. Following are the major points of actions taken by the college.

### ACTION ON ENERGY USAGE

- 1. Alternative Means of Energy:** One of the important recommendations of the energy audit was to consider installation of solar panels on the rooftop of the college building to generate alternative energy for the consumption in the college premises. The recommendation was taken positively and management has installed a 50 KW capacity solar Power plant on the rooftop of building number - 2.
- 2. Awareness Programs for Students:** It is important to make every stakeholder more aware regarding sensible use of energy in the classrooms and outside. Therefore the college has signed a memorandum of understanding (MoU) with the Dhyas foundation and displayed stickers of "save energy" on every switch board in the classrooms, auditorium, Gymkhana, staff rooms and the college library.
- 3. Replacement of Old Equipment by Energy Efficient Equipment:** The college has replaced existing energy consuming tube lights and fans by modern energy efficient LED tube lights and power saving fans in the classrooms and library. It is decided in principle to buy all the gadgets and equipment which are energy efficient in the future.
- 4. Renovation of Power Distribution Cables:** The college building number 1 is more than 25 years old. The electric wiring and cabling done at the time of building construction has aged and therefore it is replaced with good quality Polycab cables. The branching of power distribution is done on every floor. A separate electric control room is earmarked for easy and quick access.



## ACTION ON ENVIRONMENT AWARENESS

5. **Tree Plantation:** Environment conservation has been an integral part of the practices adopted on this campus. Every year the volunteers of the national service scheme NSS and cadets of National cadet corps - NCC take active part in tree plantation drives organized by various NGOs such as the lions international at different places in Palghar district this way our college helps social forestry drives of the state government. Further college volunteers take active part in collection of seeds during the summer time and help NGOs to run nurseries in Vasai.
6. **Information Drives:** In order to make students more aware regarding the environment our volunteers take active part in beach cleaning drives collection of plastic on the campus. They are further encouraged to take part in various competitions such as poster making competition, essay writing competition, slogan writing competition regarding environmental awareness.
7. **Swachh Bharat Abhiyan:** The college promotes active participation of the students to run various drives of cleanliness under the **Swachh Bharat Abhiyan**. students are always encouraged to use eco-friendly materials such as bags from old clothes. St envision the three principles such as reduce reuse and recycle. The college was recognized with the **SWACHATA CHAMPION AWARD** for the year 2021 by the Vasai Virar City municipal corporation.

## ACTION ON GREEN INITIATIVES

8. **My Farm My Produce:** As per the recommendations by the rural development department the college has launched a project my farm my produce on the campus. This is purely run by the students and various species of local banana papaya vegetables etc are grown on the campus and students are given the lessons of self Reliance and hard work.
9. **Classification and Titles of Trees and Plants:** major plants on the college campus are given titles. A display board is installed near such trees indicating more details about that tree such as its origin, use, etc.
10. **Plantation of trees of Indian Origin:** It has been our effort to plant saplings of trees of Indian origin as the survival rate of such trees is very high. The college has planted 127 such trees on the campus with 100 percent survival rate.



11. **E-Waste Disposal** : The college has signed the MoU with Dhyas Foundation, Vasai for the disposal of Electronic and electrical devices after its use. It includes used personal computers, laptops, projectors, printers, et.al. It further has a collection center for collecting the plastic and sending it for the processing.



  
**PRINCIPAL**  
**ST. GONSALO GARCIA COLLEGE**  
**OF ARTS AND COMMERCE**  
**Vasai, Dist. Patghar -401 201.**