

Salesian College Green Policy 2020

Salesian College recognizes the need to function all year round in a manner which minimizes its harmful environmental impact. To this end *Salesian College* will:

1. **Maximize the proportion of waste that is recycled & minimize the quantity of non-recyclable refuse.** *Salesian College* therefore commits to:
 - a. Reduce the absolute amount of waste that it produces from college kitchens, but-tery, staff offices and student accommodation.
 - b. Make full use of all recycling facilities provided by Sonada Panchayat/Siliguri Corporation and private suppliers, including glass, cans, white, colored and brown paper, plastic bottles, batteries, print cartridges, cardboard and furniture.
 - c. Compost, or cause to be composted, all organic waste, green waste and un-recycled cardboard produced in or collected from kitchens, gardens, offices and rooms.
 - d. Recycle or safely dispose of white goods, computers and electrical appliances.
 - e. Use reusable resources and containers and avoid unnecessary packaging where possible.
 - f. Always purchase recycled resources where these are both suitable and available.
 - g. Provide sufficient, accessible and well-publicized collection points for recyclable waste, with responsibility for recycling clearly allocated.
 - h. Make specific arrangements for events, such as cultural Events, internal and ex-ternal seminars and conferences, where significant recyclable waste is likely to be produced, in order to both minimize the waste produced and maximize what is recycled/reused.
 - i. Promote reuse of items and waste recycling among staff, students and conference guests through training, posters and incentives.
 - j. Dispose all waste, whether solid or otherwise, in a scientific manner and ensure that it is not released directly to the environment.

2. **Reduce energy consumption, especially of energy derived from fossil fuels,** in all col-lege property. *Salesian College* therefore commits to:
 - a. Support renewable and carbon-neutral electricity options on any energy-purchasing consortium, with the aim of supplying all college properties with electricity that can be attributed to renewable and carbon-neutral sources.
 - b. Appreciate that it is preferable to purchase electricity from a company that in-vests in new sources of renewable and carbon-neutral electricity.
 - c. Look in to the possibility of on-site micro-generation of renewable electricity.

- d. Give preference to the most energy efficient and environmentally sound appliances available, this includes only using energy-saving light bulbs.
 - e. Provide energy efficient heating systems, with adjustable controls for individual heating appliances wherever possible, and ensure that comprehensible instructions are available to staff and students on the use of heating controls.
 - f. Encourage staff, students and conference guests to save energy through visible reminders, incentives and information to increase awareness. This particularly concerns turning off electrical appliances when not in use in both communal and residential rooms.
 - g. Monitor and understand the importance of different sources of college energy consumption, and set appropriate and measurable targets for a reduction in certain areas of consumption and/or in the overall consumption of energy.
 - h. Conduct switch off drills at regular intervals.
 - i. Ensures that all electronic and electrical equipments, such as computers, are switched off when not in use, and is generally configured in power saving mode when such option is available.
 - j. If there are equipments running on standby mode, reduce the energy consumption on standby mode or minimize the running of equipments on standby mode.
3. **Ensure that improvements, purchases and developments are environmentally sound.** *Salesian College* therefore commits to:
- a. Seek and act upon professional advice in order to minimize the adverse environmental impact of any new developments and exceed government regulatory requirements. This includes efficient heating and water systems, appropriate space for recycling, and the use of recycled and/or sustainable building materials where possible.
 - b. Purchase efficient and environmentally sound appliances in order to fulfill the commitments in section 2, and consider replacing old stock with 'greener', more efficient alternatives.
 - c. Purchase food that has been produced and delivered with minimal impact on the environment, this includes buying locally produced, organic and free-range food wherever possible.
 - d. *Investigate and understand the environmental impact of college investments. This implies a preference against companies whose 'core activity' contributes to: 1. Global warming through the extraction or production of fossil fuels, 2. the manufacture of chemicals which are dangerous or persistent in the environment, 3. The unsustainable harvest of natural resources.*
4. **Minimize the use of unsustainable transport** by its staff and students. Therefore *Salesian College* commits to:
- a. Make available information about bicycle and pedestrian routes, public transport services and car share schemes to staff and students.

- b. Reduce the proportion of travel on College business carried out in private transport and eliminate unnecessary and inefficient use of college vehicles.
 - c. Promote car sharing / car pool among the students and faculty members.
5. **Minimize consumption of water.** *Salesian College* therefore commits to:
- a. Repair sources of water leakage, such as dripping taps and showers as quickly as possible.
 - b. Install appliances which reduce water consumption.
 - c. Encourage a decrease in water usage among staff, students and conference guests.
 - d. Purchase the most efficient washing machines and dishwashers available which have an economy setting as default.
 - e. Use an efficient and hygienic water storage mechanism is to minimize the loss of water during storage.
 - f. Minimize wastage of water and use of electricity during water filtration process, if used, such as RO filtration process and ensure that the equipments used for such usage, are regularly serviced, and the wastage of water is not below the industry average for such equipments used in similar capacity.
 - g. Install Water recycling mechanism, such as rain water harvesting system.
6. **Minimize the use of chemical pollutants** both in college by students and staff, and in college grounds by gardeners. *Salesian College* therefore commits to:
- a. Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment, i.e. are biodegradable and non-toxic, even where this exceeds the Control of Substances Hazardous to Health (COSHH) regulations.
 - b. Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost produced on site wherever possible.
 - c. Dispose the chemical waste generated from the laboratories in a scientific manner.
 - d. Reduce the practice of burning plastic and other material that emit harmful gas on burning is prevented in the campus.
7. **Ensure that the students and faculties are encouraged to plant trees in the campus.** *Salesian College* therefore commits to:
- a. Establish a Garden in the campus.
 - b. Encourage the faculties and students to plant trees in the garden.
 - c. Reviews periodically the list of trees planted in the garden periodically.

8. **Ensure that an animal welfare policy is established and observed.** *Salesian College* therefore commits to:
 - a. Establish an animal welfare policy.
 - b. Create a list of animals found in the campus.
 - c. Identify conditions that could be harmful for animals.
 - d. Ensure that the animals do not pose any risk for the staff and students.
 - e. Make arrangement with nearest animal welfare organization to arrange for any ambulance in case of casualties involving animals.
9. **Ensure that environmental awareness is created.** *Salesian College* therefore commits to:
 - a. Conduct environmental awareness workshops as a part of the program.
 - b. Conduct events such as plant trees to spread environmental awareness among the students.
 - c. Create awareness of environmental sustainability and takes actions to ensure environmental sustainability.
 - d. Reduce the rate at which the College contributes to the depletion and degradation of natural resources
 - e. Promote environmental awareness as a part of course work in various curricular areas, independent research projects, and community service
10. **Ensure that the buildings conform to green standards.** *Salesian College* therefore commits to:
 - a. Create an architecture plan to ensure all new buildings conform to green standards such as [U.S. Green Building Council's Leadership in Energy and Environmental Design](#) (LEED) silver standard and minimize the usage of energy required, offering greatest efficiency for energy and water usage, and reducing carbon emission..
 - b. Review architecture of existing buildings and reviews ways, in consultation with experts, to reduce usage of energy for such buildings, offering greatest efficiency for energy and water usage, and reducing carbon emission.
11. **Ensure that the Environmental Policy is enacted, enforced and reviewed.** *Salesian College* therefore commits to:
 - a. Establish a College Environmental Committee that will hold responsibility for the enactment, enforcement and review of the Environmental Policy. The Environmental Committee shall be the source of advice and guidance to staff and students on how to implement this Policy.
 - b. Ensure that on the Environmental Committee there will be appropriate representatives of the relevant college departments and authorities – such as catering, gardening, maintenance, cleaning and finance.

- c. Ensure that on the Environmental Committee there will be the Green Officer from an external agency who is engaged in the profession of providing guidance on environmental impact.
- d. Ensure that the Environmental Committee will review the Environmental Policy on an annual basis, and will monitor progress and set measurable targets wherever possible.
- e. Ensure that the Environmental Policy is enforced regardless of whether its requirements exceed the mandate of the law.
- f. Require that every staff and student member recognizes their responsibility to ensure that the commitments in the Environmental Policy are properly put into practice.
- g. Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings.

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The Principal
Salesian College