



POLICY FOR GREEN ENERGY AND CLEAN ENVIRONMENT IN THE CAMPUS OF DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR

A Green Campus is a place where environmental friendly practices and education system jointly promote sustainable and eco-friendly ambiance in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind. Green Campus status is achieved by making significant progress in cross campus community collaboration under one or a number of the following themes:

- Energy
- Water
- Waste
- Green Campus

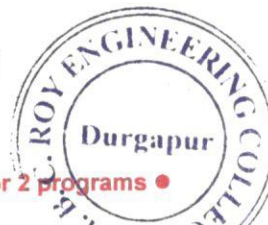
National Social Service Scheme (NSS) volunteers of the institute, primarily the under graduate and post graduate students propagate these ideas amongst the neighborhood villages.

Energy: Reduce energy consumption

- i. Implemented solar system to cut down the heavy usage of electricity
- ii. Activate power management features on computers and monitor so that it will go into a low power "sleep" mode when the employees are not working on it.
- iii. Turn off monitor when the employees leave the table.
- iv. Turn off unnecessary lights and use daylight instead.
- v. Use LED or compact fluorescent bulbs as much as possible
- vi. Switch off lights, fans in conference rooms, classrooms, and lecture halls when they are not in use.

Water Conservation: Minimize consumption of water

- i. Encourage use of recycled rainwater and grey water to reduce main water consumption.
- ii. Repair sources of water leakage, such as dripping taps and showers as quickly as possible.
- iii. Install appliances which reduce water consumption.
- iv. Use an efficient and hygienic water storage mechanism is to minimize the loss of water during storage.
- v. Waste water treatment and recycling (Long term goal)





Solid Waste Management

Waste minimization is very important because it makes good business sense to protect the environment and boost environmental performance. Waste minimization techniques focus on preventing waste from ever being created, otherwise known as source reduction, and recycling context.

- i. Keep a stack of paper that has been printed on one side and use it for day to day rough paper work
- ii. Use more readout material in soft form. Reduce the hard readout material. Use more of e-mail for officially communicating the information needed, online reading etc
- iii. Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost produced on site wherever possible.
- iv. Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- v. Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment
- vi. Segregation of biodegradable/non-biodegradable/hazardous wastes in the college campus
- vii. Recycle electronics and batteries in e-waste recycling bins located around campus.
- viii. Dispose the chemical waste generated from the laboratories in a scientific manner.

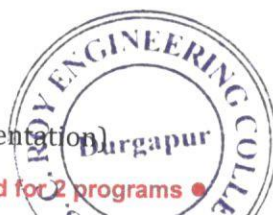
Green campus drive

Greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. Institute has taken following strategies to implement green campus initiatives.

- i. Restricted entry of automobiles
- ii. Public transport using green fuel to be encouraged to meet conveyance requirements of students and staff at college campus.
- iii. Ban on use of plastic
- iv. Landscaping with trees and plants

Disabled friendly environment

- i. Built-in ramps/lifts for easy access to classrooms
- ii. Disabled friendly washrooms (progressive implementation)



[Handwritten Signature]
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