



**THE B.G.E. SOCIETY'S  
SHRI RADHAKISAN LAXMINARAYAN  
TOSHNIWAL COLLEGE OF SCIENCE,  
AKOLA**

**AFFILIATED TO SANT GADGE BABA AMRAYATI UNIVERSITY, AMRAYATI**

**NAAC RE-ACCREDITED WITH GRADE "A" (CGPA- 3.12)**

**POLICY DOCUMENT  
ON  
THE GREEN CAMPUS,  
ENVIRONMENT AND ENERGY**

# **Policy Document**

## **On**

### **The Green Campus, Environment and Energy**

#### **Context:**

Shri R.L.T. College of Science is very much aware of its responsibility towards keeping campus green and pollution free. The college strives hard to maintain an eco-friendly ambiance and achieve continuous improvement in environmental performance. In college campus and botanical garden of college different varieties of plants has been cultivated without use of chemical pesticides and herbicides. All stakeholders works for the betterment of eco-friendly campus including air, water, noise, soil quality, waste management, care for flora & fauna in campus, the importance of paperless working, plans for adopting solar powered energy sources etc. Internal Green and Environmental audit committee as well as Energy audit committee of College plan and work to foster a culture of self-sustainability and make the entire campus environmental friendly.

#### **Scope:**

With the aim of developing a clean and green campus, 'The Green Campus, Environment and Energy Policy' will develop exciting co-curricular and extracurricular practices that encourage staff and students to take the lead in creating positive changes.

#### **Aims and Objectives of Policy:**

Shri R.L.T. College of Science not only target to impart quality education but also understand responsibility towards the protection of the environment for the future generation. The college wishes to create environmentally safe practices to ensure that the college campus is kept green by reducing its carbon footprint. The Green campus, Environment and Energy Policy will compel every one of the college to follow environmental friendly practices, processes and operations.

Following are the Aims and Objectives of policy:

- Efforts to keep clean and pollution free campus
- Efficient use of energy
- Efforts to waste reduction
- Sensible use of water
- Ethical practices
- Extension education activities

## Green Initiatives:

Following green initiatives are taken by Management, Administration, Environment Cell, NSS unit, NCC unit and all departments of college:

➤ **Initiatives for greening the campus:**

1. Healthy practice of use of bicycles
2. Pedestrian Friendly pathways
3. Ban on use of Plastic
4. Landscaping with trees and plants

➤ **Facilities for alternate sources of energy and energy conservation measures:**

1. Solar energy: Solar based LED lights in campus, solar water heater in girl's hostel
2. Biogas plant: Biogas plant in girl's hostel
3. Sensor-based energy conservation: Water tank overflow alarm system installed at three places in college campus
4. Use of LED bulbs: Use of LED bulbs in Auditorium, office, many classrooms and laboratories.
5. Power management features are activated on every computer and monitor.
6. Promotion of 'Save Energy Tips': Stickers displaying the message of protecting environment, saving electricity, papers and energy are posted on key places in college premises.

➤ **Management of degradable and non-degradable waste:**

1. Solid waste management: Biogas plant at the Girls hostel is a best technology for the treatment of kitchen and dining waste. Vermicomposting is done mainly by use of garden waste as substrates.
2. Liquid waste management: Waste water of laboratories is carried through underground drainage. In chemistry laboratories hazardous chemicals waste used to segregate separately from incompatible chemicals waste. Oxidizers used to be isolated from oxidizable materials and dehydrating agents.
3. Biomedical waste management: Solid and dry waste material from Microbiology laboratory is packed into biohazards bag after disinfection and handed over to waste collection vehicle of Akola Municipal Corporation. Used media are properly autoclaved before disposal.
4. E-waste management: Minor repair of gadgets are done by concerning laboratories staff. E- waste is sold as scrap to local garbage dealer in order to ensure their safe recycling.
5. Waste recycling system: Notice boards, parking stands, poster stands, etc are made from broken furniture. Waste water from laboratories is treated with 1% sodium hypochlorite and then used for garden. Solvents are reused for washing glassware. Oil cans are reused for making bird's nests.

➤ **Water conservation facilities available in the Institution:**

1. Rain water harvesting
2. Bore well recharge system
3. Waste water recycling
4. Water tank overflow alarm system & Proper water distribution system in the campus

➤ **Quality Audits:**

1. Green and Environment audit
2. Energy audit

➤ **In campus and Beyond the campus environmental promotional activities:**

1. Tree plantation and sapling distribution
2. Regular cleanliness drives under Swachhata Action Plan
3. Encourage paperless work culture
4. Awareness workshops/ programmes for students, faculty and society
5. Involvement of the community to achieve its clean environment objective

The Institute intend to pursue a programme of continuous improvement in our procedures, practices and review the policy on a regular basis to evaluate continued relevance and to monitor compliance. All the necessary efforts will be made to involve all stakeholders in Green Campus Initiatives.



**Principal**  
**Shri R.L.T. College of Science**  
**Civil Lines, AKOLA (M.S.)**