



Shri Shivaji Education Society Amravati's

SCIENCE COLLEGE

Congress Nagar, Nagpur-440012

NAAC Reaccredited with 'A+ Grade' (CGPA 3.51)

College with Potential for Excellence

Recognized Centre for Higher Learning & Research

Institutional Member of APQN

A Mentor college under UGC Paramarsh Scheme

An ISO 21001:2018 Certified Institution



Policy Document

On

Green Campus Initiatives



2. Policy Document on Clean and Green Initiatives

Preamble:

Shri Shivaji Education Society Amravati's Science College, Nagpur envisions a Clean and Green Campus where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus and beyond the campus. The green campus concept offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among students and staff. The increasing human foot print on earth poses great environmental challenges that continue to grow over time. An unprecedented effort is required to alleviate the adverse effects that human activities have on the ecosystem, effects that in turn alter how we interact with the nature and with each other. Inclusion of all approaches to problem solving will be necessary to effect a meaningful change.

Vision:

Vision for green campus is to make the campus and its surrounding green and clean and conservation of Nature and natural resources in the surrounding area and educating on how to live Eco-friendly. Clean and Green campus through adopting, practicing and promoting environmental friendly practices among students and staff to generate Eco-consciousness among them and in the world around them.

Objectives:

- To protect and conserve ecological systems and resources within the campus.
- To bring awareness among the students/Faculty about the hazards spoiling the environment.
- To help the students/Faculty understand each individual's responsibility to take an initiative to save the environment.
- To work with all stakeholders and the local community to adopt environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

To fulfil these objectives Shri Shivaji Education Society Amravati's Science College, Nagpur therefore has constituted Green Campus Committee

Green Campus Committee:

- 1) Principal of the College: Chairperson
- 2) IQAC Coordinator: Secretary
- 3) Faculty Representative: Nominated by the Principal
- 4) Faculty Representative: Nominated by the Principal
- 5) Student Representative: General Secretary of the College
- 6) Non-Teaching Staff Representative: Office Superintendent
- 7) Parent Representative: Secretary of the Parent Teacher Association
- 8) Industry Representative: Member of Alumni Association

Role and Responsibilities:

- The institutional Green Campus Committee shall perform the role of overall planning, executing and monitoring of the eco-friendly initiatives of the institution.
- Promote environmental consciousness and sustainability among stake holders and the neighbourhood community.
- Identification and implementation of alternative sources of energy and energy conservation measures.
- Implementation or effective waste management mechanisms to minimize pollution.
- Identification and implementation of water conservation measures.

- Undertake and monitor green initiatives in the campus.
- Review and implement the suggestions arising out of Green Audit.

Institution Green Campus Initiatives

The Institute shall make all the necessary efforts to involve the students, faculty and staff in “Green Campus Initiatives” through NSS & NCC Units, Environmental studies, Green Club.

1) Waste Water Management/ Rainwater Harvesting:

- Repair sources of water leakage, such as dripping taps as quickly as possible.
- Installation of appliances which reduce water consumption.
- Implementation of rain water harvesting.
- Bore well recharge system
- Construction of Tanks & Buds at some places in college campus.

2) Energy Conservation Measures:

- Activate power management features on your computer and monitor so that it will go into a low power “sleep” mode when you are not working on it.
- Turn off your monitor when you leave your Table.
- Activate power management features on your laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED/Sensor based LED or compact fluorescent bulbs.
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed.

3) Waste Management:

- Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations, thus maintaining the Campus clean and Eco- friendly. Segregated bio degradable and non-degradable waste handed over to Municipal Corporation, Nagpur.
- Chemical liquid waste generated in the lab is collected in separate soak pits which are located aloof from the water bodies.
- Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- Segregated into organic waste is used to prepare compost for in-house consumption compost produced in Vermi compost project in college campus
- A stack of paper that has been printed on one side and use it for day to day rough paper work
- Dispose the chemical waste generated from the laboratories in a scientific manner.
- Maximize use of paperless technology i.e., sharing of data /Lecture notes on google class room, e-mail etc.

4) Landscaping with trees and plants:

- Plantation more trees within and outside the campus as a part of Go Green Campaign.
- Medication plants and trees have been planted to clean the atmosphere.
- Oxygen Park with Tulsi plants is constructed in parking area.

5) Restricted entry of vehicles/ Use of Bicycle/ battery powered vehicles:

- No Vehicle Day for all stakeholders shall be observed campus on every Thursday.
- Restricted entry of automobiles prompting the use of bicycles and electric vehicles as possible.
- The students shall be encouraged to avail Bus Pass facility of Maharashtra State Road Transport Corporation and use of Maha Metro, Nagpur.
- The employees of the college whose residence is close to the college campus shall be encouraged to walk to college.

6) Plastic Ban Policy:

- Ban on use of single use plastic in college campus and in all important meetings of the college.
- Mandate faculty, non- teaching staff and students to avoid the use of plastic water bottles and to increase the use of alternate solutions like use of paper folders, cloth/jute bags, and jute files instead of plastic make items
- Distribution of cotton bags on various occasion as a measure of plastic ban policy.

Major Green Campus Initiatives:

- ISO 9001:2015
- No Vehicle Day observed & Restricted entry of automobiles
- Waste water Management/ Rainwater harvesting
- Use of Micro-scale techniques
- Sensor based energy conservation
- Displayed poster on Save Energy Tips
- Maintenance of water bodies and distribution system in the campus
- Single Use Plastic Free Campus
- Tree Plantation Drive & Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Green, Environment and Energy Audit conducted
- Installation of talking tree app.
- Installation of Solar Power Station



Dr A A Halder
Coordinator, IQAC
Science College,
Congress Nagar, Nagpur




Dr. O. S. Deshmukh
Principal
Science College,
Congress Nagar, Nagpur