

# GOVT. COLLEGE BICHHUA

## DISTRICT-CHHINDWARA(M.P.)-480111

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### **Green Initiative Policy**

After consideration of the proposed draft of Green Initiative Policy formulated & forwarded by IQAC to the Principal vide its Note Sheet No. 28/IQAC, dated 30/03/2020 & after consideration of the suggestions given by the Green Practices Committee of College, the Green Initiative Policy of the college is hereby approved as under:-

The policy on 'Waste Management and Green Initiative' has been formulated in response to College's commitment to clean environment. The College realizes the need of providing a safe and healthy work environment for teaching and non-teaching employees, students and surroundings.

The College has a responsibility to ensure that the campus wastes are disposed through proper waste segregation at source and if possible, converting those into value added eco-friendly products.

Furthermore, it is realized that suitable eco-friendly practices/technologies should be adopted for reducing the environmental impacts of human activities. This would be in line with the Sustainable Development Goals (SDGs) as well as Environmental laws and legislations laid by the government.

## **2. OBJECTIVES**

The purpose of this policy is to establish objectives and targets, provide the context for suitable action plans and facilitate their implementation. These shall revolve around the 4Rs (Reduce, Reuse, Recycle and Recover) aspect of waste management focused on campus waste, in addition to their minimization, environmentally sound management and active promotion of green initiatives through community engagement.

The policy inter alia takes cognizance of the various environmental regulations such as The Air Act, Water Act, Environmental Protection Act and the National Environmental Policy of 2006 along with different rules framed by the State and Central Government from time to time.

### **The objectives of this policy are to:**

- (1) Promote holistic approach of waste management, resource conservation and green initiatives at the college campus.
- (2) Ensure that waste management is performed at college campus in line with all waste legislative requirements.
- (3) Encourage judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- (4) Provide clearly defined roles and responsibilities to identify and coordinate each activity related to waste management and green initiatives.

- (5) Disseminate environmental awareness among students and staff members.

### **3. POLICY STATEMENT**

The College recognizes the need for protection of the natural environment as an integral part of good institutional practices. To achieve this, the College shall develop, implement and sustain an Environment Management System which would lead to sustainable development and advance positive effects on both human health and the natural environment for college community and the surroundings.

- (6) The college will adopt the principles of best environmental practices as reasonably possible in the delivery of its waste management services and ecological initiatives.
- (7) The college will apply a waste hierarchical approach, to reduce, reuse, recycle and recover waste products to manage its waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycling where possible.
- (8) The College will promote water conservation and energy use efficiencies through effective programs and practices. The university will undertake possible efforts to reduce environmental footprints from university related activities via use of cleaner and eco-friendly practices/technologies.
- (9) The college recognizes the importance of compliance with applicable environmental laws and regulations as laid down by the government.

- (10) The College will review the environmental objectives and targets from time to time in order to minimize resource consumption and improve environmental performance.
- (11) The College will communicate this policy to every stakeholder.
- (12) The College requires that all the employees, students or any one else making use of the premises comply with the environmental objectives set in the policy and associated Environmental Management System for upholding the spirit of the document and ensure compliance with all environmental legislations.

## **GREEN INITIATIVES POLICY**

### **Eco Club**

The College shall make an Eco Club for furtherance of Green initiatives in the College campus, The Eco Club shall implement Green initiatives with the involvement of Students & Community engagement.

### **Green Audit**

The college shall make arrangements to undertake a comprehensive Green Audit of the existing structures and work operations annually to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.

The objective of the green audit is to improve energy and water usage efficiency, better waste management and all-round management and development of campus in eco- friendly manner for sustainable future.

The Green audit may consist of following broad points:

**(1) Water audit** – water balance consisting of source, consumption and recycling.

**(2) Waste audit** – inventorisation of municipal solid waste, hazardous wastes, biomedical wastes and sources thereof, compostable fraction of wastes, segregation of wastes, present practice on waste management inside campus.

**(3) Energy audit**- inventorisation of electrical fittings, fixtures, appliances, machines, etc., energy consumption, recognize energy wastage and leakage points.

**(4) Biodiversity** – green cover mapping, tree counting, biodiversity register.

### **Green Master Plan**

The college shall prepare a Green Master Plan to comply with environmental norms and/or at least, GEM (ASSOCHAM)/IGBC/GRIHA compliant. The upcoming infrastructure and facilities as well as additions to the existing structures and facilities should be developed with a focus on energy efficiency, minimizing waste generation, optimizing power consumption of power, water and other supplies.

**(a) Energy conservation**

The college will do maximum efforts to reduce energy consumption and use renewable sources of energy as far as possible.

**Action Plan:**

(1) The points of energy wastage and leakage should be identified and appropriate steps shall be taken to set a target of attaining significant energy saving by appropriate modifications and adopting best practices.

(2) The fluorescent lights may be replaced with LED in the existing buildings and streetlights across the campus.

(3) Use of renewable sources of energy should be increased either by installing solar panels on rooftops as well as suitable open places or by other suitable means.

**(b) Water Management Plan for Optimum Usage of Water**

The college shall adopt a sustainable water management plan to prevent wastage of water as well as recycle and reuse wastewater in the college campus.

**Action Plan:**

(1) Reduction of potable water usage by efficient monitoring, using efficient fixtures and restricting usage for irrigation.

(2) Installation of rainwater harvesting units at suitable locations in campus.

(3) Use of Sustainable horticultural practices.

**(c) Reduction of Carbon Footprints**

The college shall do possible efforts to reduce carbon footprints from college related activities via plantation drives and use of cleaner and eco-friendly methods.

**Action Plan:**

(1) A methodology of calculating the carbon footprints of the whole institute should be developed and its improvement should be monitored.

(2) Tree plantation drives on and off campus should be initiated to reduce the carbon footprints.

**(d) Plastic free campus (avoid using single use plastic)**

The college shall motivate the staff and students for using bicycles, public Provisions should be made to transport and/or car pool at least once a week for routine transportation.

**Action Plan**

The college shall make provisions to ban the use of single use plastic at college premises. Various awareness programmes may be initiated to motivate the staff, students and people in surrounding areas to phase out single use plastic from their schedule.

**(e) Biodiversity, Plantation and Landscaping of Campus**

Proper documentation of the flora and fauna at college premises should be done with the help of experts. Further, plantation should be done in a planned manner with expert advice to add both green cover and beauty to the campus. Landscaping of different sizes may be done at suitable open spaces with flowering plants, grass and

accessories targeting towards the most beautiful green campuses in surrounding.

**(f) Eco Club Activities-** The Eco Club shall organize various Green Initiative Programmes such as Environmental Awareness Programme, Plantation Programme etc. under special Flagship Programmes with the engagement of stakeholders & with community engagement.

**(h) Plantation of Medicinal Plants in the college campus-**

The college shall do possible efforts to plant Medicinal Plants in the college campus for the benefit of Staff & Students.

#### **Action Plan-**

##### **Sensitization, Awareness and Capacity Building Programs**

The college shall organize various workshops/seminars/dialogues/talks/creative actions/research programmes in order to sensitize the students, staff and community in surrounding about global and local environmental issues for moving towards a resilient future.

#### **6. POLICY MONITORING AND REVIEW:**

The Internal Quality Assurance Cell (IQAC) of the college shall monitor and review the efficacy of the policy on annual basis and shall make suggestions to departmental heads for taking appropriate actions and complying with them on regular basis.

  
**Principal**  
Government College Bichhua  
Chhindwara (M.P.) 480111