

**GOVT. HOLKAR (MODEL AUTONOMOUS)
SCIENCE COLLEGE, INDORE**



(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)



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Green Policy

**Govt. Holkar
(Model Autonomous)
Science College,
Indore (M.P.)**



Version : 2.0

Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)



Dr. Suresh T. Silawat

Principal

Govt. Holkar (Model Autonomous) Science College, Indore

FOREWORD

The national environment policy 2006 emphasises that the Institution should ensure that the environment is clean and hygienic and keeping with the spirit of the policy, Government Holkar (Model, Autonomous) Science College, Indore has come up with a mandatory green policy. The green policy of Holkar Science College is committed to protecting the environment while making efficient use of energy and all the Stakeholders, teachers, employees and students of the college are involved in it.

The green policy of the institution focuses on environmental management, energy conservation and it's green initiatives to achieve these goals refocus on the 7 R's mainly refuse, Reduce, Repurpose, Reuse, Recycle, Rot. Our college is determined to reduce carbon emissions. For this, burning of campus garbage has been completely banned and the waste of gardens is put in extra compost pits so that they were converted into Manure. E-waste and liquid waste is segregated and disposed off in a systematic manner so that the least possible harm is done to the environment in a similar manner the there is a provision of Kitchen Garden to be developed by the seed technology department to promote use of organic vegetables.

All the Departments of the institution are committed towards implementing all the norms of the green policy and set viable example for the other institutions of higher education to reduce the environmental damage.

Dr. Suresh T. Silawat
Principal

Vision and Mission of the Institute

Vision:

To make our youth the torch-bearer of knowledge, and to continue the rich legacy of imparting scientific education and groom them on an intellectual, social and humane platform.

Mission:

- To create an innovative ecosystem for the promotion of scientific temperament.
- To enrich the academics with state-of-the art technology and innovation at par with the global standards.
- To impart Skill-based training relevant to local and global needs.
- To develop a well-groomed and empowered youth.
- To nurture a socially responsible and value-driven generation.

Green Policy

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Green Policy

In tune with the National Environment Policy 2006, which highlights that it is not just the responsibility of the state to ensure that the environment is clean and hygienic. but also, the responsibility of every citizen/institution to preserve the quality of their environment and enhance it. Therefore, Govt. (Model, Autonomous) Holkar Science College, Indore has come up with a mandatory policy, “The Green Policy”.

PREAMBLE:

The fundamental structural basis of all living beings is 5 elements or '**Panch Maha Bhootas**' (five supreme powers - the earth, the water, the fire, the air, and the space). Thus, for securing purity of these five basic elements of the nature, and to attain the order, balance, and harmony, between them, for the survival and sustainability of life on Earth, we march together with United Nation's Sustainable Development Goals (SDGs) 2030 by preferring greener options, whether it is energy, or consumption of water or reduction of carbon foot print. This policy document is recognized as “**The Green Policy**” of the Government Holkar (Model, Autonomous) Science College, Indore, M.P.

INTRODUCTION:

Energy and environment are directly related to the survival of mankind. In fact, energy and the environment are two sides of the same coin. Energy has a major contribution to preserving the environment and developing the country. India is the fifth-largest global consumer of energy, but the per capita energy consumption is very less. Energy is the measure of uninterrupted sustainable development of human beings, but uncontrolled use of fossil fuels may also cause environmental havoc.

The last century has been witnessing immense economic development. Population explosion and booming economy have put a lot of burden on the available resources of energy, which has caused great damage to the environment.

To preserve our future environment, India's National Environment Policy [2006] is committed under Articles 48A and 51A of the Constitution. According to “The National Environmental Policy”, sustainable development is a development that takes care of both ecological sustainability as well as social justice.

Environmental protection is mandatorily necessary for everyone on this planet. At the same time, it is also necessary to find alternate renewable sources of energy so that we do not face energy shortages that may cause hindrance to development. The Energy Conservation Act [2001], has emphasized the disciplined use of energy, its conservation, and related issues. The National Environment Policy has given prominence to the following issues-

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- Conservation of natural resources.
- To make economic and social development environmentally friendly.
- Make wise use of resources.
- Finding alternative and new resources for environmental protection.

The green policy of Holkar Science College is committed to protecting the environment and efficient use of energy, and all the officers, teachers, employees, and students of the college are involved in it. Therefore, it is believed that all the upcoming activities of the college will be motivated by the goals of environmental protection, efficient use of energy, less dependence on conventional sources of energy, and steadily moving ahead towards the preferable use of renewable energy.

Holkar Science College is one of the prominent institutions in Madhya Pradesh. Our institution, which is well known for its research endeavours and delegating social responsibilities, has an in-house energy laboratory under construction to fulfil its commitment to energy-related research activities for social obligations. In order to create a clean and beautiful environment for the campus, more than eight gardens are being regularly maintained. The college family is determined to protect the environment amidst the urban infrastructural requirements and conserve energy. The faculties as well as the students of the institution are involved in various research activities related to various aspects of the environment.

The institution believes in imbibing the sustainable development journey in its work culture which may be a difficult task but certainly not impossible. This can be made achieved through individual as well as community efforts, with the proactive participation of teachers and students. To provide impetus to the activities related to green and energy conservation initiatives, the institution implements a proactive mechanism. The green policy of the institution is dedicated to environmental management, energy conservation, and its green initiatives. In order to achieve these goals, the institution mainly focuses on the 7 R's of sustainability goals: Rethink, *Refuse*, Reduce, Repurpose, Reuse, Recycle, and Rot.

OBJECTIVE & GOALS :

The main objective of the institution's green policy is to protect the environment of the campus and conserve energy so that it remains green, environment-friendly, and self-sufficient.

The main goals of the green policy are -

To achieve the objectives of this policy, the college has set the following goals:

- Prohibiting activities that cause damage to the environment on the premises. Continuous efforts to be made to save the plantations on the campus, prioritizing conservation of energy at all levels, giving proper environment for biodiversity flourishing, maintaining their natural habitats etc.
- To provide a safe and healthy environment to the students and staff.

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- Conserving all types of energy sources and promoting renewable energy sources.
- Complying with environmental and energy regulations.
- Regular checking, monitoring, and processing green audit of energy and trees.
- Procurement of energy-efficient equipment and appliances (preferably star rated).
- To promote multi-disciplinary research activities related to the environment and energy.
- To make aware all the sections of the college family and society of energy conservation and environment-related issues.

Therefore, in a nutshell, we can say that through this policy, it is and will be our aim to make the college green and clean.

COMMITTEE:

Environment Committee is active in the institution for effective implementation of the policy. The Committee has the following constitution:

1. **Chairman:** Principal
2. **Convener:** A Senior Faculty
3. **Members:** 3-4 faculties, NCC Officer, NSS Officer
4. **Student Volunteers**

FUNCTIONS OF ENVIRONMENT COMMITTEE

- To ensure that **the green policy** is effectively implemented in the Institution.
- To put demand and monitor the flow of funds for promoting environmentally friendly activities and forwarding projects to appropriate agencies.
- Prioritizing environment-related activities.
- Inviting environmental experts to get guidance by organizing lectures, and workshops.
- To prepare a record of all the work done by the institution.
- Due to unplanned and uncontrolled development, many animals and plants face the danger of extinction. It is the effort of the institution that about 33 percent should be reserved as green land so that the flora, as well as fauna, can flourish to maintain a healthy ecosystem. The institution should continue planting saplings to attract birds, butterflies, spiders etc. so that they can get food and shelter.
- The committee will also invite suggestions from the residents (teachers, staff, and students) of the campus and implement them accordingly.

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- A complete documentation of the biodiversity of birds, butterflies, spiders, etc. found on the college campus should be updated and given for green audit.
- The college is determined to reduce carbon emissions. To achieve this, the burning of campus garbage has been completely banned. Extra compost pits are to be planned as per the requirement in the premises so that the waste of the gardens can be converted into manure.

The committee should work to spread awareness on issues related to the environment and sustainable development among the staff, students and society.

PLAN OF ACTION

- To Periodically check energy sources. To ensure phased replacement of conventional bulbs with Energy Efficient CFLs. To ensure optimum utilization of LED smart Light.
- To encourage the use of alternative sources of energy such as solar energy.
- Sustained efforts should be made to continue the rainwater harvesting measures in the old building and installation in the new buildings constructed in the institution.
- Steps should be taken to make small pits on the campus so that there can be waterlogging that can enhance the groundwater level.
- In the past, the institute has enforced a cut down on the solid waste production of solid waste. The Reduce, Recycle and Reuse policy should be continued for Solid Waste Management.
- The institution has cut down its stationery paper usage to 50 percent by strictly using the other side of the previously used paper for printing/photocopying. This practice has to be promoted further to decrease paper usage by shifting to digital modes.
- The institute should efficiently move forward with its biodegradable management by using its compost pits and other means to the fullest. The by-products from these pits should be used in the gardens and botanical gardens.
- Dustbins should be installed at different places of newly constructed buildings and according to need the number of dustbins should be enhanced at other places.
- The collection of used masks and gloves should be done in a separate bio-hazard dustbin and shall be disposed of following the COVID protocol.
- E-waste should be segregated and disposed of strictly according to present norms.
- Liquid waste from laboratories, especially the Chemistry laboratory, should be treated to make it lesser hazardous before releasing it out. Planning to install green dustbins for degradable waste and black dustbins for non-degradable waste in laboratories should be made.

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- Record of the biodiversity studied on the college campus should be maintained.
- To establish the identity of the plants located on the college campus, a nameplate mentioning the colloquial name, scientific name, and family of the species should be tagged with it.
- Provisions should be made for the development of a kitchen-garden for the production of organic vegetables by the Seed Technology Department on the college campus.

IMPLEMENTATION

- Regarding regular follow-up of environmental and energy matters, a committee of academic, administrative staff, and students should be constituted. NCC& NSS officers should be its ex-officio members. This committee should work towards the environmental improvement of the campus. Maintenance of gardens should be done under the supervision of this committee.
- If necessary, a contingency grant can be sanctioned from the governing body / public participation committee for effective implementation of the policy.
- Office should be made paperless in a planned phased-out manner. Inter-departmental exchange of all important information should be online.
- For creating awareness, the college has prepared its environmental calendar, in which the responsibility of celebrating important days of the year has been entrusted to various departments.

AMENDMENTS

- The Institute shall examine its Green Policy on a regular basis and change it as necessary to comply with national policies and directives issued by competent apex bodies.
- Pertaining to any contradiction in any Policy of the Institution, the later revised policy will take precedence.

PUBLICATION OF GREEN POLICY :

The Green Policy shall be widely publicized among the Institute's stakeholders with all the possible means, as well as prominently displayed on the Institutional Website to attract the attention of concerned stakeholders.

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The Gender sensitization & Women Empowerment Policy Shall be widely publicized to the Institute's faculties and students, as well as prominently displayed on the Institutional Website to attract the attention of concerned stakeholders.

Important Links:

- <http://moef.gov.in/wp-content/uploads/2017/08/1219e.pdf>
- <http://moef.gov.in/wp-content/uploads/2017/08/1207e.pdf>
- <http://moef.gov.in/wp-content/uploads/2017/08/1219e.pdf>
- http://moef.gov.in/wp-content/uploads/2017/06/eprotect_act_1986.pdf
- http://moef.gov.in/wp-content/uploads/2018/03/393_394e.pdf
- http://moef.gov.in/wp-content/uploads/2018/03/THE_ENVIRONMENT.pdf
- <http://moef.gov.in/wp-content/uploads/2017/08/168381.pdf>
- http://moef.gov.in/wp-content/uploads/2017/08/CETP_Gazette.pdf
- <https://moef.gov.in/wp-content/uploads/2017/08/Plastic-Waste-Management-Second-Amendment-Rules-2021.pdf>
- <http://moef.gov.in/wp-content/uploads/2018/03/1527.pdf>
- <http://moef.gov.in/wp-content/uploads/2017/08/noise-pollution-rules-en.pdf>

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वसुधैव कुटुम्बकम्
[Vasudhaiva Kutumbakam]

FINISHING GOAL



STARTING GOAL

Our SDG-2030 Goals Tree

कल्पवृक्षः

