



# Green Audit Policy

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|| विद्याया मधुमता ||  
KARNATAKA GOVT  
BANGALORE

# **Environmental / Green Audit Policy**

Of

## **Punyashlok Ahilyadevi Holkar Solapur University, Solapur**

### **Introduction**

An environmental audit is a mechanism that reduce the risk of failing to comply with environmental rules and regulations. Such a mechanism facilitates an understanding of the regulatory environment in which the business operates and identifies those areas where additional attention or alternative approaches are needed. To use this tool effectively, however, one must first ascertain the goals of conducting an environmental audit. Goals must be matched with the type of business involved. At the same time, audits improve the environment and provide data for management that can help in the strategic planning process. Yet, these very same assessments and audits that can sometimes, provide the government with notice of non-compliance and the means for sanctioning regulated industries/ institutions for violations of environmental laws and regulations. An organization usually undertakes an environmental audit to establish a compliance profile, to address planned processes and efficiency, and, more often than not, to identify or test some potential improvements in these processes.

The Environmental Protection Agency ("EPA") defines an environmental audit as a "systematic, documented, periodic and objective review by regulated entities of facility operations and practices related to meeting environmental requirements." Thus, an audit is essentially a mechanism by which a company/ institution gathers information about its operations. An audit reveals how the organisation or its facilities may impact the environment and human health. It also identifies the company/ institution's risk of liability for failing to comply with applicable rules and regulations. Hence, the audit includes both incriminatory and exculpatory information which could be problematic because it may serve as admissions or as evidence against the company in future litigation.

Anyone contemplating conducting an audit needs to consider the potential detrimental use of the audit or information developed. It is supposed to design a program that can protect the information, to the extent possible, during the audit program and thereafter.

### **Compliance Profiles**

One central purpose of almost every environmental audit is to identify the areas where the business's operations may trigger compliance problems. Most emissions or discharges into the air, water or ground, especially in ways that would leak into groundwater, will trigger some form of regulatory compliance requirement. Reporting and record-keeping obligations are substantial for those companies/ institutions that handle any material defined as a hazardous waste, a hazardous material or a hazardous substance. A compliance audit identifies violations and potential violations of these rules and recommends programs which will either prevent future problems or will correct existing ones. The benefit of conducting this type of audit is that it puts a company in a position to insure regulatory compliance.





## **Main Objectives of Environmental/ Green audit of PAHSUS**

Green audit is to provide comprehensive reporting on the Green Quotient of the campus and to make strategic road map to further ensure that the Green legacy remains intact.

It is essential to adopt the system of Green campus which will lead to sustainable development and at the same time reduce a sizable amount of atmospheric CO<sub>2</sub> from the environment.

This will contribute towards the reduction of Global warming through Carbon Foot Print reduction measures and for Eco-friendly ambience. Following heads will specify the main and sub-objectives of the Environmental/ Green audit:

1. Geographical location of the University
2. Meteorological parameters
3. Energy consumptions
4. Waste disposal systems
5. Floral and Faunal diversity and conservation
6. Ambient environmental condition
7. Awareness and training on sustainability for staff and students
8. Preparing a report based on the Audit and compliance to the recommendations

## **Action plan for environmental protection and awareness**

The competent authorities of Punyashlok Ahilyadevi Holkar Solapur University would make the action plan for the Eco-friendly, sustainable, appropriate Green Quotient and pollution free campus as per the suggestions below:

1. Proper maintenance of greeneries and planting of bio-diverse plant species in the campus – These activities should be monitored by the Garden section, NSS unit and In-charge officer.
2. No wastage of drinking as well as utility water – All water supply connections should be checked, replaced and monitored by the Plumber(s) of the university in a scheduled work-sheet.
3. Recycling of waste water for watering the plants and recharging the ground water level – Scientific water recycling process units / plants need to be installed at different locations and must be monitored by the Engineering section.
4. Less Electricity consumption and development of Solar system (Hybrid) – The campus should replace all electrical fittings phase-wise with modern low electricity consuming lights and equipment. At the same time, street lights and corridor illuminations have to be connected through Solar energy systems to reduce the total electricity consumption.
5. Processing of bio-degradable, non-biodegradable and e-waste material generated in the campus have to be properly organized and disposed off according to the guidelines





specified by Govt notifications – Time to time, such garbage disposal procedure has to be operated on priority basis.

6. Nests, water facilities and Non-disturbing zones be created for Birds, especially Peacocks, Squirrels, Mongoose and Hares/ Rabbits, etc. Some reptiles are also the part of our campus
7. Air quality measuring devices and displays should be placed in the campus and the parameters could be checked time to time by the members of the School of Earth Sciences.
8. Water quality of the campus supply also should be checked time to time by the members of the School of Earth Sciences/ School of Chemical Sciences/ School of Life Sciences.
9. Environmental Club should be established for the students and by the students to support the initiatives of the University administration under a committee of teachers of the campus. Club activities can be extended for making short films, competitions and other modes of creative performances.
10. To create awareness of the environmental effects, Murals on the campus buildings, scarp art structures (made of waste material) and durable posters can be placed at different attractive points. Observation sessions of campus flora and fauna must be done at intervals with competent guides for the students and to record new findings.
11. Publication of floristic studies and faunal studies can be done with pictorial forms and observational notes by the University time to time and displayed at the Library (KRC).

#### **Procedure to conduct Green/ Environmental Audit of the University campus(s)**

PAH Solapur University will invite e-Tenders for the Green / Environmental audit work of the University campus(s) from established owners / environmental consultants as and when required after approval of the Management Council of the university.

The consultant should provide services and desired work as per tender documents to be published at university's website. The rights to accept or reject any or all tenders submitted without giving any reason is to be reserved by the authorities of the University. After receiving the report from the auditing firm/ consultant, the university authorities are supposed to make compliances to the recommendation(s) using internal or external competent resources.

#### **Budgetary provision**

There should be a budgetary financial provision in the University's Annual Budget under the School of Earth Sciences and Engineering Section (for technical aspects) towards meeting the expenditure to be incurred for the Green / environmental audit and for required compliances thereto with a special head.



विषय क्र.३ IPR Policy, Consultancy Policy व Green Audit Policy बाबत मा. कुलगुरु महोदयांनी महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम १२ (७) नुसार व्यवस्थापन परिषदेच्या वतीने केलेली कार्यवाही माहितीस्तव.

सदर विषयासंदर्भात तातडीची बाब लक्षात घेता, मा.कुलगुरु महोदयांनी केलेल्या कार्यवाहीची नोंद घेण्यात आली असून, सर्वानुमते खालीलप्रमाणे ठराव पारित करण्यात आला.

ठराव : IPR Policy, Consultancy Policy व Green Audit Policy बाबत तातडीची बाब म्हणून, मा.कुलगुरु महोदयांनी महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम १२ (७) अन्वये व्यवस्थापन परिषदेच्या वतीने केलेल्या कार्यवाहीची नोंद घेण्यात आली.

