

SHIVAJI UNIVERSITY, KOLHAPUR - 416 004 MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४ महाराष्ट्र

Estd: 1962 दूरध्वनी ईपीबीएक्स- २६०९००० संलग्नता टी-२ विभाग दूरध्वनी -०२३१ - २६०९०९९ NAAC 'A++' Grade Acceredited by NAAAC (2021) संचालक, बी.सी.यु.डी. कार्यालय, दूरध्वनी : (थेट) ०२३१ - २६०९०७०

with CGPA3.52 जा.क्र. संलग्नता/टी-२/परिपत्रक/

परिपत्रक

दि. **22 APR** 2022 No 0 0 0 5 1

प्रति, मा. प्राचार्य/संचालक, सर्व संलग्नीत महाविद्यालये, शिवाजी विद्यापीठ, कोल्हापूर

> विषय:- आपल्या संस्थेचे/महाविद्यालयाचे "Green Audit" करण्याबाबत... संदर्भ:- पर्यावरणशास्त्र विभागाचे दि.०५/०४/२०२२ रोजीचे पत्र.

महोदय/महोदया,

उपरोक्त विषय संदर्भांकित पत्रास अनुसरून नॅक मुल्यांकनासाठी Criteria VII मध्ये महाविद्यालयांसाठी "Green Audit" किंवा Environmental Audit करणे आवश्यक आहे. तरी सदर ऑडिटचे काम शिवाजी विद्यापीठामधील पर्यावरण शास्त्र विभागामार्फत कंसल्टन्सी द्वारा करून देण्यात येते.

सोबत जोडलेले संदर्भांकित पत्र अवलोकनी घेवून विद्यापीठ संलग्नीत सर्व महाविद्यालयांनी "Green Audit" किंवा Environmental Audit संदर्भाने कृपया पर्यावरण शास्त्र विभागाशी संपर्क (दूरध्वनी-०२३१-२६०९३३३/९३०४, Email id- envsc@unishivaji.ac.in) साधावा. हि विनंती.

कळावे.

आदेशान्वये

श्री विलास एस. सीयम

उपकुलसचिव

संलग्नता टी-२ विभाग

सोबत- वरीलप्रमाणे

P8000



Estd. 1962 NAAC 'A++' Grade With CGPA 3.52

शिवाजी विद्यापीठ, कोल्हापूर पर्यावरणशास्त्र विभाग,

विद्यानगर, कोल्हापूर— ४१६ ००४, महाराष्ट्र , भारत

दूरध्वनी:- 0231-2609333 / 9304, ग्राम - युनिशिवाजी फॅक्स -091-0231-2691533 / 2333 ई मेल- envsc@unishivaji.ac.in

दि.०५/०४/०२२२

प्रति, मा. उपकुलसचिव, सलग्नता विभागास, शिवाजी विद्यापीठ, कोल्हापूर.

विषय: आपल्या संस्थेचे/महाविद्यालयाचे 'Green Audit' करण्याबाबत.

संदर्भ: १.शिवाजी विद्यापीठ 'व्यवस्थापन परीषद' दि. ९ आक्टोबर, २०१७ चा विषय क्र. ४ चा ठराव

२.पर्यावरणशास्त्र विभागाचे एत क्र./नं. ९८९/ दि. १४/०२/२०१८/एस. यु.पी.जी./

महोदय/महोदया,

नॅक मुल्यांकनासाठी Criteria VII मध्ये महाविद्यालयांसाठी Green Audit किंवा Environmental Audit करणे आवश्यक आहे. तरी सदर ऑडीटचे काम शिवाजी विद्यापीठामधील पर्यावरणशास्त्र विभागामार्फत कन्सल्टंन्सी द्वारे करून देण्यात येते. तरी सदर माहीती शिवाजी विद्यापीठांतर्गत येणाऱ्या महाविद्यालयांना कळविण्यात यावी ही विनंती.

कळावे,

Shivaji University, Kolhavur Affiliation/T-Inward No 3 724 Date 7/4/22

आपली विश्वासू,

विभागप्रमुख

डॉ. (श्रीमती) आसावरी जाधन प्र. विभागप्रमुख व अधिव्याख्याता पर्यावरणशास्त्र विभाग, शिवाजी विद्यापीठ, कोल्हापूर

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Proposal to conduct 'Green Audit' of Colleges and Institutes affiliated to Shivaji University, Kolhapur

By

Department of Environmental Science, Shivaji University, Kolhapur

Green audit was initiated with the beginning of 1970s with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment. It is the duty of organizations to carry out the Green Audits of their ongoing processes for various reasons such as; to make sure whether they are performing in accordance with relevant rules and regulations, to improve the procedures and ability of materials, to analyze the potential duties and to determine a way which can lower the cost and add to the revenue. Through Green Audit, one gets a direction as how to improve the condition of environment.

Green Audit is assigned to the Criteria VII of National Assessment and Accreditation Council (NAAC). The intention of organizing Green Audit is to upgrade the environmental condition in and around the institutes, colleges, companies and other organizations. It is carried out with the aid of performing tasks like waste management, energy saving and others to turn into a better environmental friendly institute.

The objective of carrying out Green Audit is securing the environment and cut down the threats posed to human health. To make sure that rules and regulations are taken care of to avoid the interruptions in environment that are more difficult to handle and their correction requires high cost.

Need of Green auditing:

Green auditing is the process of identifying and determining whether institutions practices are ecofriendly and sustainable. Traditionally, we are good and efficient users of natural resources. But over the period of time excess use of resources like energy, water, chemicals are become habitual for everyone especially in common areas. Now, it is necessary to check whether our processes are consuming more than required resources? Whether we are handling waste carefully? Green audit regulates all such practices and gives an efficient way of natural resource utilization. In the era of climate change and resource depletion it is necessary to verify the processes and convert it in to green and clean one. Green audit provides an approach for it. It also increases overall consciousness among the people working in institution towards an environment.

Objectives of Green audit:

- 1. To adopt an eco-friendly practices to promote and confirm commitment in conservation practices and environmental performance.
- 2. To identify and analyze significant environmental issues.
- 3. To setup different goal, vision and mission for Green practices in university campus.
- 4. To establish and implement Environmental Management System for implementation and necessary action to achieve established goal, vision and mission.
- 5. To continue assessment for betterment in performance in green practices.
- 6. To prepare a Environmental Statement Report on green practices fallowed by different departments, supportive systems and administrative building.
- 7. To become a model for green practices in higher education.

Benefits of Green auditing:

Green auditing is useful to identify environmental issues. Audits are designed for to find out pros and cons of environmental practices, legislations. Green audit ensures regulation and standards for environmental management practices accepted with internal policy standard. Implement the Environmental Management System (EMS) standards within the campus. Increase awareness about environmental conservation among students and staff.

Methodology:

Steps under Green Audit:

- 1. Pre-Audit 2. On-site Audit
 - 3. Post-Audit

Following audits will be carried out:

- Water Audit
- Waste Disposal Audit
- > Energy Audit
- Environmental Quality Audit
- Carbon accounting

Report Preparation and publication report:

- 1. The information required for the preparation of the audit is to be collected by the
- 2. The formats required for collection of information will be provided by Department of Environmental Science, Shivaji University, Kolhapur.
- 3. The documents and photographs required for the preparation of report be provided by
- 4. Guidance for the analysis and writing of report will be provided by the department.
- 5. A full document will be prepared by the department and college will get it printed
- 6. Due credits should be given in acknowledgement and on cover page to the university

Charges for conducting Green Audit:

| Sr. No | number of students in college | Number of students in each faculties in the college (aapx.) | | | | Number of | Area of college | Charges in Rs. |
|-----------|-------------------------------------|---|-------------|-------------------|------------|--------------|-----------------|--------------------|
| | | Arts | Science | Commerce | Engg. | buildings | campus | |
| 1 | Up to 1000 | - | - | | Lingg. | (aapx.) | (аарх.) | ٠. |
| 2 | 1000-2500 | - | | • | .= | 1-3 | | 10000/- |
| 3 | 2500-5000 | _ | | * | - | 3-6 | .4, - | 15000/- |
| | Above 5000 | - | | - | No. | 6-9 | | |
| | | kpense of | team of exp | erts to the colle | ga io ta l | 9-11 | | 20000/- 25000/- |

A travel expense of team of experts to the college is to be borne by the college.

Payments:

Payments of the Green Audit charges be paid by cash or DD or NEFT to "Registrar, Shivaji University, Kolhapur". The receipt of the payment is submitted to the Department of Environmental Science, Shivaji University, Kolhapur. Then only work of Green Audit will be