



Action Taken Report and Achievement from Green Audit

2022-2023

Recommendation mentioned by Auditor for Green Audit	Action taken	Achievements	Geo tagged photographs
<p>1) In order to increase the faunal diversity of the college, plantation of more indigenous fruit yielding plants such as <i>Baccaurea ramiflora</i>, <i>Flacourtia jangomas</i>, <i>Averrhoa carambola</i> etc. may be given priority. The college can also opt to develop a butterfly garden with local flowering plant species to create, improve, and maintain habitat for lepidopterans including butterflies, skippers, and moths.</p>	<p>1. A number of fruit trees have been planted in the college campus and primarily in the botanical garden.</p> <p>2. Different types of butterfly visits the campus due to rich flowering plants.</p>	<p>Plantation of more indigenous fruit yielding plants is a continuous effort.</p>	<p>Plantation of fruits in the botanical garden of the college</p> <p>Link: https://kaliaborcollege.ac.in/upload/dvv/1712298371.pdf</p>
<p>2) It has been observed during the audit that tree species within the campus was not properly tagged. It is therefore recommended that all the trees and plants within the campus be properly tagged with permanent nameplates depicting their scientific and local names. If possible their taxonomic classification can also be listed.</p>	<p>Every tree has been labelled with their scientific name and names are displayed.</p> <p>Taxonomic classification not listed</p>	<p>Complete campus trees updated with labels</p>	<p>1. List of flora available at Kaliabor College</p> <p>https://kaliaborcollege.ac.in/upload/dvv/1711974366.pdf</p> <p>Tagged Images of Trees available at campus:</p> <p>Link: https://kaliaborcollege.ac.in/upload/dvv/1712243114.pdf</p>


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<p>3) The college can also deploy a "QR Codes for Plant" initiative in the college where QR codes can be placed alongside each plant and upon scanning the code the user can gain access to additional information about the plants. This can be developed by the college in house or through freely available applications. This initiative would help in developing scientific temperament of students to know more about the flora of their locality and state as well as to understand their environment and ecosystem</p>	<p>This has been already done for the orchids of the institute</p>	<p>Complete</p>	<p>1. QR code of orchid species at orchidarium of the college https://kaliaborcollege.ac.in/upload/dvv/1712210915.pdf</p>
<p>4) It is recommended that the college may intensify their plantation drives and plant floral species which are locally available and gives economic benefits to the people. Whenever such plantation drives are conducted the college must ensure to maintain a list of the plant species and their numbers being planted as well as of the people who have planted them.</p>	<p>Plantation drives undertaken on specific days like World Environment Day etc. and also on other days of importance.</p>		<p>1. List of Flora available at Kaliabor College https://kaliaborcollege.ac.in/upload/dvv/1711974366.pdf 2. Plantation drive during Important Days https://kaliaborcollege.ac.in/upload/dvv/1712243528.pdf</p>
<p>5) It is also recommended that periodic cleaning of weeds and grasses in the botanical garden be done so that the planted trees can grow easily. The number of orchid</p>	<p>Weeding and cleaning done regularly</p>	<p>Achieved</p>	<p>Cleaning Works at Botanical Garden of the College Link: https://kaliaborcollege.ac.in/upload/dvv/1712244398.pdf</p>


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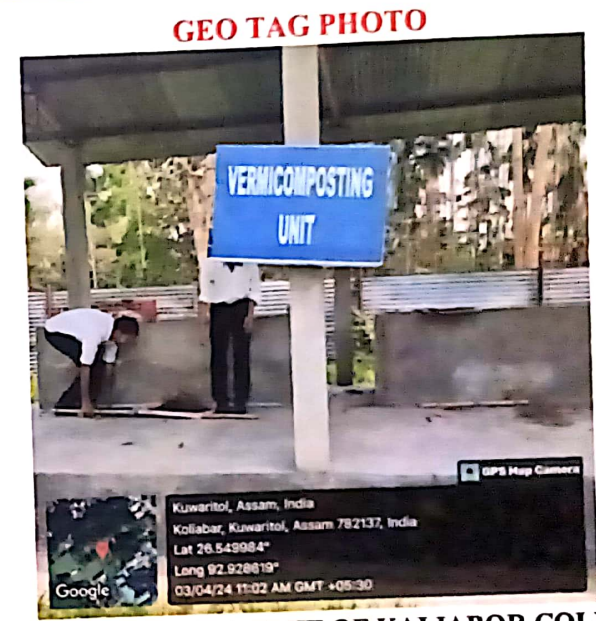
species in 37.
The orchidarium may be increased and exotic species be collected and introduced in order to increase their numbers and facilitate their conservation

During the audit it was also observed that the college has also set up a vermicomposting unit within the campus. As vermicomposting can be a healthy alternative to chemical fertilisers, the college may opt to strengthen the composting unit and ensure its proper maintenance so that the compost generated from it can be used to grow and sustain the plant species which have low viability and low probability of survival.

Vermicomposting unit constructed

Achieved


Video Link of degradable waste using vermicomposting:
<https://www.youtube.com/watch?v=ATTNIOcokUw>



VERMICOMPOSTING UNIT OF KALIABOR COLLEGE FOR DEGRADABLE WASTE

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<p>The institution has a tremendous opportunity to harvest rainwater from the roofs of the buildings on campus, which the college administration can use for a wide range of applications. In light of the fact that rainwater harvesting has been employed by the college in a smaller scale, the college may decide to develop more extensive rainwater harvesting infrastructures on the building roofs in a phased manner. This will allow the future Green Audit team to compare the advancements being made by college administration.</p>	<p>Two rain water harvesting and two ground water recharge points constructed</p>	<p>Achieved</p>	<p>1. Rainwater harvesting facilities submitted during AQAR 2021-22 https://kaliaborcollege.ac.in/upload/dvv/1712206334.pdf</p> <p>2. Present status: https://kaliaborcollege.ac.in/upload/dvv/1712207590.pdf</p> <p>3. Link for video for rain water harvesting: https://www.youtube.com/shorts/tkkL_LQpRVk</p> <p>4. Video for Ground water recharge: https://www.youtube.com/shorts/grqIPy9zmoo</p>
<p>It is recommended that an Environmental Management System (EMS) be constituted in the college that will be responsible for overseeing all the environment related issues of the college and the activities pertaining to it. The EMS will act as an internal audit team, assisting external audit officers with future audits. Along with the college's teaching and non-teaching personnel, students shall be included as volunteer members of the EMS.</p>	<p>Not completed</p>	<p>Not achieved</p>	<p>-</p>
<p>9) An environmental policy paper</p>	<p>Previous policy</p>		<p>Policy on single use plastic and waste management</p>


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must be prepared and developed that includes all of the recommendations, the college's current practises, and a roadmap and action plan for adopting the recommendations within a certain time frame. This policy shall be revised following each green audit, and the college will adhere to it to make the campus more sustainable for the environment. To be a comprehensive policy, the policy must also incorporate the overarching environmental vision, mission, goals, and objectives.

on single use plastic and waste management have been continued. However, revisions of the policies have not been done thus far.

<https://kaliaborcollege.ac.in/upload/dvv/1712208176.pdf>



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