



## ADDITIONAL INFORMATION

**Regarding Performance of the Institution in one area distinctive to its priority and thrust**

### 1. Green Audit/Environment Audit

Sl. No.	Particular required	Status/supporting document
I(A)	Green Audit/Environmental Audit-2021	<a href="http://sipajharcollege.ac.in/achievement.php">http://sipajharcollege.ac.in/achievement.php</a>
I(B)	Green Audit/Environmental Audit-2023 (Review on recommendations and steps taken)	<a href="http://sipajharcollege.ac.in/upload/achievements/1676354536.JPG">http://sipajharcollege.ac.in/upload/achievements/1676354536.JPG</a> <a href="http://sipajharcollege.ac.in/upload/achievements/1676354612.JPG">http://sipajharcollege.ac.in/upload/achievements/1676354612.JPG</a>

### 2. Energy Audit

Sl. No.	Particular required	Status/supporting document
II(A)	Energy Audit-2021	<a href="http://sipajharcollege.ac.in/achievement.php">http://sipajharcollege.ac.in/achievement.php</a>
II(B)	Energy Audit-2023 (Review on recommendations and steps taken)	<a href="http://sipajharcollege.ac.in/upload/achievements/1676354558.JPG">http://sipajharcollege.ac.in/upload/achievements/1676354558.JPG</a>

### 3. Clean and Green Campus Initiatives

<b>Sipajhar College at a Glance</b>
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Sipajhar College has adopted all the measures at its best for energy conservation, waste management, water conservation, green campus initiatives and to create a barrier friendly inclusive environment to all of the college without discrimination, exploitation and exclusion of differently able individuals from all spheres of work and education. The college has amaster plan of land useand accordingly plantation, construction and renovations have been going on in the campus. To monitor and control all those purposes, the college has adopted certain code of conduct and producedd a code of conduct committee too. The former is clearly displayed at the college entry and website. Sipajhar college has been always promoting an anti tobacco and plastic free environment and there are strict rules in these concerns as mentioned in the code of conduct.



Master Plan of the College Land Use



One of the College Entry with trees on both sides



Code of Conduct Displayed in the College Entry



Code of Conduct Committee



Anti Tobacco Campaign and display at different locations of the College

### Alternate energy source and steps taken for energy conservation

Sipajhar college has taken many initiatives to reduce energy conservation. College has always preferred the use electrical equipments, bulbs and devices which are energy-efficient. Only LED bulbs and tubes are installed in all

classrooms, office, library and other parts of the college. All equipments such as computer, AC, refrigerator, etc. are low power consuming. Clear display of instructions to turn off devices when not in use are placed. A monitoring committee comprising of teachers and students routinely check electrical equipment. The committee creates awareness among all through different activities and awareness campaigns. To reduce fossil fuel consumption, as a power back up, college has installed two solar panels and sensor based lights. Another proposal for installation of solar panel on the rooftop of the women's hostel has been submitted to ICICI foundation, Darrang Division. Power consumption is reduced by using water from water bodies, harvested rain water; tube well which are available without use of power. Installation of water overflow alarm system in water reservoirs has contributed a lot in reducing both water over flow and power consumption. All college individuals are encouraged to use public transport and/or use of bicycle by observing fuel free day, earth day, etc.

### **Waste Management**

College follows the principle of '5 R's' i.e. Refuse, Reduce, Reuse, Repurpose and Recycle. The college follows proper scientific procedure for segregation and management of waste and their treatment and disposal. Chemical, hazardous and e-waste are segregated at the origin and separately labeled containers are used for storing these. The college has collaboration with Dal-Thom's Scientific- the partner organization- regularly collects different chemical waste generated in the science laboratories. Other waste are also classified and separated as biodegradable, non-biodegradable, paper, e-waste, etc. for further treatment. Dustbins of designated colors are placed in the college. Replacement/Sale of e-waste such as battery, UPS, etc. with new items is done on regular basis with the suppliers. The remaining amount of e-waste is collected by the partner organization with which the college has signed MoU. Vending machine and incinerators are installed in girl's hostel, common room, etc., to maintain a good health and hygiene. Display on waste management instructions/alerts in conspicuous/relevant areas on the campus, promote a paperless work healthy environment. Apart from reusing biodegradable waste in green house, mushroom culture and vermin-composting unit, involvement of students in these has deeply rooted the responsibility and skills for sustainability. Regular orientation and hands on training on waste management among students and staff of the college has created a beautiful clean and healthy ambience in the campus. College has also started a certificate course on plastic waste management for greater benefit of the society.

### **Water Conservation**

The college has a proper drainage system to channel water to the water bodies and to community drainage system. The campus has been declared as plastic free (single use) and proper scientific procedures are followed for disposal of other waste too, to ensure that there is no blockage of drainage system and that the natural run of water is not hampered. There are two water bodies inside the campus which are used for pisciculture from which certain amount of yearly revenue is generated. At the same time both the water bodies are well maintained too. Water usage and related maintenance of the college is monitored and regulated by a water monitoring committee. College has installed two rain water harvesting, one with provisions for recharging ground water. Used water is recycled in gardening- watering plants, trees, etc. Besides the use of water from bore well and tube well, water from ponds and harvested rain water are always encouraged. Installation of water overflow alarm in all water tanks restricts overflow and spillage of water.

### **Green Campus Initiatives**

Except for the built up area, most of the college campus is under green cover. Frequent and well planned

plantation programs and their protections is a common practice of the college. Database on all the flora & fauna in the campus has been prepared by students under the supervision of assigned faculty and experts in the field. More activities such as orientation on vermi-composting, mushroom culture and reuse of biodegradable waste, installation of hydroponic set up, etc. are also conducted on regular basis. And on special days of significance such as world environment day, earth day these are further extended to the people of nearby locality and adopted village. Water supply to all plants is made more accessible by improving the water supply provisions, by installing rain water harvesting units at different locations of the college. Raising environmental awareness on climate change impact tracking and steps to lessen environmental carbon footprints and emissions are part of good practices of the college.

The practice of using a green diary by students has been a best practice of the college which did not merely require students to plant a sapling but develops concern in them about the importance and necessity of a healthy environment. Environmental-related projects and experiments in the curriculum as part of the educational system is a routine practice. Classification and naming of all trees, installation of bird house at different locations enhanced the aesthetic look and inner beauty of whole campus. Cleanliness drive by students and volunteers of NSS and Scouts and Guides are frequently carried out in the campus and outside too.

Decentralized duty and responsibility of activities have been initiated for proper functioning of all such activities to make a clean green and healthy environment. The college has formed a number of monitoring and management committees such as water monitoring, committee for greenery, carbon foot print, comprises of a teacher in-charge, staff of the college and student members.

Periodic green, energy and water audits are done to identify the issues which need to be looked into to create a pollution free greener campus. Such audits are conducted by internal experts assigned by Principal and IQAC of the college and external recognized bodies.

### Policies and additional information regarding above facilities available in Sipajhar College

Sl. No.	Particular	Supporting Files/Web Links
1	Installation of LED bulb and tubes	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf</a> <a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
2	Low power consuming fan and electrical equipments	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
3	Solar energy back up and initiative to install more	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf</a>
4	Display and regular monitoring on turn off of all electrical equipments and devices when not in use	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf</a>
5	Celebration of fuel free days by all college individuals.	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676363979.pdf</a>
6	Installation of sensor based bulbs	<a href="http://sipajharcollege.ac.in/green_initiative.php">http://sipajharcollege.ac.in/green_initiative.php</a>
7	Proper drainage system	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf</a>
8	Use of tube well/water bodies as water source	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf</a>
9	Stored rain water and its use in gardening	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf</a>

	practices, hostel and in laboratories	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf">ive/1676442255.pdf</a> <a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
10	Use of water overflow alarm on all water reservoirs	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
11	Awareness and display on Turn off water tap when not in use	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
12	Routine monitoring of water leakage and their fixation by Water Management committee	<a href="http://sipajharcollege.ac.in/upload/achievements/1676451474.pdf">http://sipajharcollege.ac.in/upload/achievements/1676451474.pdf</a> (Refer to pg no 27)
13	Pisciculture & maintaining water bodies inside campus	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf</a>
14	Students Project on Water quality parameters as a part of curricular activity	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442255.pdf</a>
15	Segregation of waste as biodegradable/non-biodegradable, paper others	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf</a> <a href="http://sipajharcollege.ac.in/upload/policy/1676102057.pdf">http://sipajharcollege.ac.in/upload/policy/1676102057.pdf</a>
16	Segregation and separate storing of laboratory waste as chlorinated, hazardous, carcinogenic, etc.	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf</a> <a href="http://sipajharcollege.ac.in/upload/policy/1676102057.pdf">http://sipajharcollege.ac.in/upload/policy/1676102057.pdf</a>
17	Regular activities such as orientation to students and employees of the college on waste management	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf</a> <a href="http://sipajharcollege.ac.in/upload/policy/1676102057.pdf">http://sipajharcollege.ac.in/upload/policy/1676102057.pdf</a>
18	Participation of partner organization in all above activities who has signed MoU with the college	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf</a> <a href="http://sipajharcollege.ac.in/upload/policy/1676102057.pdf">http://sipajharcollege.ac.in/upload/policy/1676102057.pdf</a> <a href="http://sipajharcollege.ac.in/upload/iqac_file/1676444653.pdf">http://sipajharcollege.ac.in/upload/iqac_file/1676444653.pdf</a>
19	Use of Biodegradable waste in Vermicompost unit and for feeding cattle	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442164.pdf</a> <a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
20	Periodic Green, energy, water audit by recognized body and up gradation of all facilities as per recommendations	<a href="http://sipajharcollege.ac.in/achievement.php">http://sipajharcollege.ac.in/achievement.php</a>
21	Land use map and Landscaping	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676454618.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676454618.pdf</a>
22	Record on all Flora and Fauna Species prepared by students under the supervision of assigned faculty members expert in the field.	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676357550.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676357550.pdf</a> <a href="http://sipajharcollege.ac.in/upload/green_initiative/1676356200.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676356200.pdf</a>
23	Name plate on all plant species	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf</a>
24	Flower garden and vegetable garden	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf</a>

		<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf">ive/1676442133.pdf</a>
25	Installation of Green House/mushroom and its practices	<a href="http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676442133.pdf</a> <a href="http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf">http://sipajharcollege.ac.in/upload/green_initiative/1676443999.pdf</a>
26	Plastic and tobacco ban campaign and code of conduct	<a href="http://sipajharcollege.ac.in/code_conduct.php">http://sipajharcollege.ac.in/code_conduct.php</a>
27	Celebration of Special Days of significance	<a href="http://sipajharcollege.ac.in/upload/iqac2_file/1674884311.pdf">http://sipajharcollege.ac.in/upload/iqac2_file/1674884311.pdf</a>

## Beyond the Campus Environmental Promotion Activities

Sl. No.	Event	Activity	Place	Supporting Documents	Year
1	World Environment Day	Plantation outside campus	College Chowk	<i>Activity 5</i> <a href="http://sipajharcollege.ac.in/upload/iqac2_file/1674884311.pdf">http://sipajharcollege.ac.in/upload/iqac2_file/1674884311.pdf</a>	05/06/2017
2	World Environment Day	Plantation outside campus	Adopted Village	<i>Activity 4</i> <a href="http://sipajharcollege.ac.in/upload/iqac2_file/1674884311.pdf">http://sipajharcollege.ac.in/upload/iqac2_file/1674884311.pdf</a>	05/06/2018
3	Awareness on Cleanliness drive by NSS	Students Participation in cleanliness drive	Near local police station	<i>Activity 17 of NSS unit</i> <a href="http://sipajharcollege.ac.in/upload/iqac2_file/1675844455.pdf">http://sipajharcollege.ac.in/upload/iqac2_file/1675844455.pdf</a>	22/10/2018
4	Anti Drug and Swachta Awareness Camp by NSS	Awareness programme	Maroi Bijulibari	<i>Activity 5 of NSS unit</i> <a href="http://sipajharcollege.ac.in/upload/iqac2_file/1675844455.pdf">http://sipajharcollege.ac.in/upload/iqac2_file/1675844455.pdf</a>	29/01/2019 to 30/01/2019
5	Maintenance of green diary	One student take responsibility to plant, protect a plant and keeps records on its growth	All across Darrang District	<a href="http://sipajharcollege.ac.in/best_practice.php">http://sipajharcollege.ac.in/best_practice.php</a>	2019 onward
6	National Wildlife week	Orientation on preparing poster (Sustaining all life on earth)	State level	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1643707893.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1643707893.pdf</a>	20/10/2020
7	National Wildlife week	Poster Making Competition	State level	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1643707893.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1643707893.pdf</a>	09/11/2020
8	Sanitizer preparation during covid-19 pandemic	Distribution among staff and villagers	Nearby locality and adopted village	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1643705545.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1643705545.pdf</a>	27/03/2020
9	Workshop on Management and restoration of Bengnoi River		College premise and Bengnoi site	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1649318886.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1649318886.pdf</a>	21/12/2020
10	Sanskar: Manuhe Manuhor Babe	Talk on Health and Hygiene	Nehru Smriti Balika Bidyalaya	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1675842878.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1675842878.pdf</a>	07/11/2020 onward
11	World Environment Day	Massive plantation Drive Competition/Online Quiz Competition	Darrang District	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1643874288.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1643874288.pdf</a>	05/06/2021 onward
12	Students survey on health disorder	Survey on different water borne health	Different Villages of Sipajhar	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1646982878.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1646982878.pdf</a>	01/03/2021 onward

	in locality	disorders			
13	Awareness and water sample collection from Bahmolla Village, an arsenic prone area	Arsenic Testing	Bahmolla Village	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1646982878.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1646982878.pdf</a>	01/03/2021 onward
14	Outreach Activity by Environment and Climate Cell	B.Sc. students talk on environment and climate	Sipajhar Academy	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1643866847.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1643866847.pdf</a>	03/03/2021
15	Students visit to Manas National Park	Field Trip	Manas National Park	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1642252545.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1642252545.pdf</a>	24/12/2021
16	Environmental Awareness	Awareness and plantation drive	Maroi Bijulibari	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1666676011.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1666676011.pdf</a>	23/12/2021
17	World Environment Day	Awareness and Installation of Bird House	Maroi Bijulibari	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1667381497.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1667381497.pdf</a>	04/06/2022
18	Outreach Activity by Environment & Climate Cell	Demonstration on lab equipments available in the school science Laboratory and applications in studying environmental pollution	Gandhi Smriti HS School, Hazarikapara	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1675861351.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1675861351.pdf</a>	05/05/2022
19	Field Trip	Study the present scenario of Bodiahisa wetland	Bodiahisa Wetland	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1667293088.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1667293088.pdf</a>	07/03/2022
20	Field Trip	To make students understand and realize importance nature and natural resources	Kaziranga National Park	<a href="http://sipajharcollege.ac.in/upload/dept_activities/1669881362.pdf">http://sipajharcollege.ac.in/upload/dept_activities/1669881362.pdf</a>	26/11/2022