



GOLAGHAT COMMERCE COLLEGE

Jyoti Nagar, Golaghat, Assam 785621

<https://golaghatcommercecollege.org>

THIRD CYCLE NAAC ACCREDITATION 2022

Criterion 7

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Submitted to



**NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL**

CRITERION 7

Institutional Values and Best Practices

Indicator- 7.1 Institutional Values and Social Responsibilities

Metric No	Sl. No.	Audit Certificates
7.1.6 Quality Audits on environment & energy regularly undertaken by the Institution and any awards received for such green campus initiatives	1.	Certificate of Green and Environment Audit
	2.	Certificate of Energy Audit



वर्षा वन अनुसंधान संस्थान

भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार के अधीन एक स्वायत्त परिषद्)
पोस्ट बॉक्स नं. 136, जोरहाट - 785001, असम।

RAIN FOREST RESEARCH INSTITUTE

Indian Council of Forestry Research & Education

(An Autonomous body of Ministry of Environment, Forest & Climate Change, Govt. of India)

Post Box No. 136, Jorhat- 785001, Assam

No. RFRI/FECC/ENV-AUD/2021/442

दिनांक/Date: 20/06/2022

सेवा में /To,

The Principal,
Golaghat Commerce College
Jyoti Nagar
Golaghat - 785621,
Assam, India

विषय/ **Sub:** 'Green and Environment Audit Report 2021-22' of Golaghat Commerce College -
reg.

महोदय/Sir,

Please find the Inspection report on 'Green and Environment Audit of Golaghat
Commerce College' prepared by RFRI, Jorhat attached herewith.

भवदीय/Yours sincerely,

(Dr. R. S. C. Jayara, IFS)
Director



No. RFRI/FECC/ENV-AUD/2021

दिनांक/Date: 26/05/2022

'Green and Environment Audit Report 2021-22' of Golaghat Commerce College, Golaghat

The 'Green and Environment Audit Report 2021-22' prepared by the Green and Environment Audit Team, Golaghat Commerce College, Golaghat was submitted to RFRI for comments and suggestions. Accordingly, suggestions were given based on existing literatures and experience which was duly incorporated in the Green and Environment Audit Report 2021-22. In the next phase, on 25/05/2022, the RFRI team visited the college for inspection of the works on ground. A team of two members including Dr. Dhruva Jyoti Das, Scientist E and Dr. Girish Gogoi, STO visited Golaghat Commerce College and conducted a survey and inspection of the various management works mentioned in the 'Green and Environment audit report'.

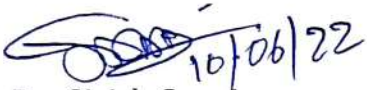
The Team met Mrs. Anamika Hazarika, Vice-Principal of the college and other faculty members and discussed about the various works related to environment, importance of conservation and awareness among students, teachers and common people. The RFRI team was accompanied by a team of faculty members including Mr. Biswajyoti Doley, Assistant Professor, and other faculties of Golaghat Commerce College, Golaghat including Dr. Nabami Gogoi, Assistant Professor, Mrs. Himadri Gogoi, Assistant Professor, and Dr. Rinki Das, Assistant Professor. The RFRI team visited the various Water qualities, Air quality, Noise Pollution, Soil pollution, Human Health & Safety and Waste management systems operative in the college. The RFRI team visited the Vermi-compost unit, Solar panels, Rain water harvesting unit (1000 litres tanks) and other facilities installed in the campus.

Various plants (trees, shrubs and herbs) were planted in the campus from time to time for keeping the air in the campus pollution free and of good quality. Some of the important species found in the campus include *Aquilaria malaccensis*, *Eucalyptus globulus*, *Terminalia chebula*, *Psidium guajava*, *Mangifera indica*, *Delonix regia*, *Mimusops elengi*, *Azadirachta indica*, *Phyllanthus emblica*, *Terminalia arjuna*, *Nyctanthes arbor-tristis*, *Ziziphus jujube*, *Alstonia scholaris*, *Annona squamosa*, *Ficus benghalensis*, *Gmelina arborea*, *Dillenia indica*, *Monoon longifolium*, *Pinus sp.*, *Callistemon citrinus*, *Litchi chinensis*, *Chukrasia tabularis*, *Litsea monopetala*, *Syzygium cumini*, *Artocarpus heterophyllus*, *Cocos nucifera*, *Vitex glabrata*, *Aegle marmelos*, *Averrhoa carambola*, *Acacia auriculiformis*, *Bombax ceiba*, *Mesua*

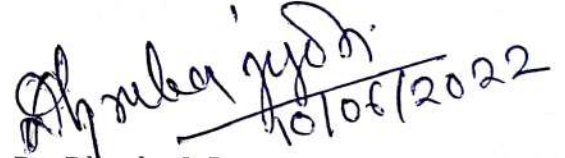
The overall works as mentioned in the Green and Environment Audit Report were found satisfactory. The following recommendations are given to the Green and Environment Audit Team and college authority to be followed for further improvement in this regard.

Recommendations:

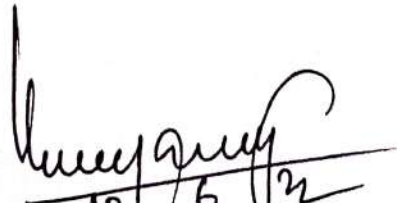
- (1) More dustbins separated for wet and dry garbage can be placed in various other places of the campus as well.
- (2) Number of informative sign boards may be increased for general awareness of the students.
- (3) The college is having an area of 29 Bighas. There are some areas where plantation of ecologically and economically important tree species (especially species like, *Aquilaria malaccensis*) with aesthetic value can be done.
- (4) Presently the college is having biomass carbon stock of 160 Mg from trees alone. Plantation of more trees will definitely increase the quantity.
- (5) It is recommended that carbon foot print of the campus may be estimated and reported for green audit in next audit.
- (6) Compost organic fertilizer can be prepared from the wet garbage.
- (7) More awareness programmes on environment may be organised for students and general public from time to time.


10/06/22

Dr. Girish Gogoi
STO
RFRI, Jorhat


10/06/2022

Dr. Dhruba J. Das
Scientist E/ Head FECC
RFRI, Jorhat
Dr. Dhruba Jyoti Das
Scientist and Head
Forest Ecology and Climate Change
Rain Forest Research Institute
Jorhat, Assam


10/6/22

Dr. R. S. C. Jayaraj, FS
Director / Director
বন অন্বেষণ সংস্থান
Rain Forest Research Institute
জোরহাট (অসম) / Jorhat (Assam)

Ref: Add Square/GCC/EA/2022-23/010

Date: 22/06/2022

TO WHOM IT MAY CONCERN

This is to certify that M/S Add Square Solutions, House No: 298(A), Ward No:04, M.G Road, Abhayapuri-783384, successfully conducted Energy Audit in Golaghat Commerce College, Jyoti Nagar, Golaghat - 785621 Assam (India) on 25th of March 2022. During audit, several data has been collected and instantaneous measurements were taken as per the requirement of standard energy audit guideline.

After collecting the required data and analyzing those data, Energy Audit Report has been prepared and submitted, which includes finding and necessary recommendation as energy conservation opportunities.

Mr. Lohit Ch. Sarma, B.E.E Certified energy auditor (EA10829) was associated as Resource Person and Energy Auditor in the entire project.

Thanking you,
For ADD SQUARE SOLUTIONS,



Mr. Deepjyoti Barman, B.E (Mech), M.Tech (Energy Technology)
(Proprietor)
Cell: +91 7002743184

