

Date: 01.04.2023

CERTIFICATE OF ENERGY AUDIT

(Certificate no.: TS / Energy Audit / 22-23/ 001/ Kharupetia College)

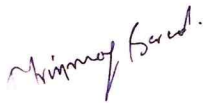
This is to certify that we had conducted **Electrical Energy & Safety Audit** of **Kharupetia College, Kharupetia, Assam** on **21 March, 2023** (as per the Work Order of the Office of the Principal, Kharupetia College, dated 13.03.2023)

The audit observations and findings reveal that there are scopes for improving the safety and economy in the existing electrical power sourcing and distribution arrangement at the college campus:

- There is scope for significant reduction in the monthly electricity bills by lowering the Electricity Supply Contract Demand in accordance with the actual requirement.
- A defective solar panel should be repaired/replaced urgently to utilize full installed capacity of the rooftop solar plant. Currently one of the two arrays of solar plant is lying disconnected.
- Some other tweaking in the electricity distribution arrangement are necessary to optimize the energy utilization at the college campus.
- Some major safety weakness/discrepancies were observed in the power distribution arrangement and earthing arrangement which need immediate rectification.

The observed weaknesses and suggested remedial/improvement measures are elaborated in our submitted **"Electrical Energy & Safety Audit Report."**

The electrical energy utilization at the audited installation (Kharupetia College) may be considered fully safe and economical after implementing the suggested rectification and improvement measures.



(Mrinmoy Boruah)

Chief Energy Auditor

BEE Energy Auditor Regn no. EA-3511



BHATTADEV UNIVERSITY, BAJALI
DEPARTMENT OF GEOGRAPHY

P.O. – Pathsala, Dist. – Bajali (Assam), PIN – 781325

Mobile No. +91 91015 90613, Email: ggy.pranjit@bhattadevuniversity.ac.in

Ref.: Letter dated 13.03.2022

Date: 31.05.2023

GREEN AUDIT REPORT

Kharupetia College

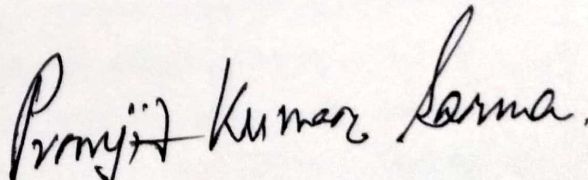
From

Dr. Pranjit Kumar Sarma

Associate Professor
Department of Geography
Bhattadev University, Bajali
Pathsala, Assam – 781 325

Certificate

This is to certify that the Green Audit Report of Kharupetia College is based on original data collected during the study period. The baseline information, facts, and data have been prepared and compiled by the Internal Green Audit Team of the college and submitted to me for evaluation. The information and data included in the report have been thoroughly verified on-site for their reliability. Additionally, it is certified that the data used in this report are original and have not been published or presented elsewhere. The field survey data and photographs were taken by the undersigned. The maps were prepared by the GIS consultant after providing the data his assistants, or the internal green audit team of Kharupetia College.


(PRANJIT KUMAR SARMA)