




Government of West Bengal  
Office of the Principal  
Darjeeling Government College  
Darjeeling-734 101, West Bengal, INDIA

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## Energy Audit Certificate (2024)

  
**কল্যাণী গভঃ ইঞ্জিনিয়ারিং কলেজ**  
**KALYANI GOVERNMENT ENGINEERING COLLEGE**  
**(GOVERNMENT OF WEST BENGAL)**  
**KALYANI, NADIA, PIN - 741235, WEST BENGAL**

Memo No. : \_\_\_\_\_ Date : \_\_\_\_\_  
Date: 29<sup>th</sup> June, 2024

**Energy Audit Certificate for Darjeeling Govt. College, Darjeeling**

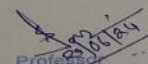
It gives me immense pleasure to present the **Energy Audit Report** of Darjeeling Govt. College, Darjeeling following a comprehensive energy audit conducted by the undersigned with the help of the internal audit team of the College during 28.06.2024 to 29.06.2024. The outcome of this audit is to assess the energy consumption patterns, identify energy-saving opportunities, and suggest necessary recommendations to enhance energy efficiency within the institution.

**Audit Summary:**

Institution: Darjeeling Govt. College, Darjeeling, W.B.  
Audit Type: Comprehensive Energy Audit  
Audit Date: 28.06.2024 to 29.06.2024  
Auditor: Dr. Shib Sankar Saha, Certified Energy Auditor, [Regn. No. EA-0050]

**Key Findings and Recommendations:**  
Based on the findings of the energy audit, several energy-saving opportunities have been identified. These opportunities are tailored to the specific characteristics of Darjeeling Govt. College, Darjeeling, W.B. and are aimed at reducing energy consumption, lowering operational costs, and minimizing the institution's environmental footprint.

1. Lighting system:
  - Implement occupancy sensors and daylight harvesting to minimize energy consumption.
2. Building envelope:
  - Minimization of air leakage through windows, doors, and other gaps to reduce the room heating load.
3. Electrical wiring:
  - Replace old, unused and damaged wirings of different rooms, especially the WBSEDCL meter room, to avoid fatal accidents and current leakage.
4. Renewable energy installation:
  - Carry out feasibility study towards installation of solar heater and solar rooftop panels towards clean energy generation.
5. Awareness and day-to-day practices:
  - Organize energy conservation awareness campaigns and provide training to staff and students on energy-efficient practices.

  
Professor  
Department of Electrical Engineering  
Kalyani Government Engineering College  
Kalyani, Nadia


Dr. Shib Sankar Saha  
Certified Energy Auditor [Regn. No. EA-0050]  
BEE, Ministry of Power, Govt. of India  
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## Green Audit Certificate (2024)


 **University of North Bengal**  
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Visit us at:  


Date- 21<sup>st</sup> June 2024

This is to certify that Darjeeling Govt. College has successfully conducted Green Audit on 20.06.2024 and 21.06.2024. After Physical Verification and inspection, the Auditing Team is of the opinion that the college campus is within the standard parameters.

Congratulations to all the Stakeholders of Darjeeling Govt. College for their efforts towards Green Campus initiatives.



Prof. Arnab Sen  
Professor  
Dept. of Botany, University of North Bengal

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**Department of Botany**  
**University of North Bengal**



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


**ST. JOSEPH'S COLLEGE**  
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Congratulations to all the stakeholders of Darjeeling Govt. College for their efforts towards Green Campus initiatives.

  
21/06/2024.  
Dr. Upakar Rai  
Assistant Professor  
Dept. of Botany, St. Josephs' College

**Head**  
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