



Estd. 1897
(Govt. Sponsored)

ACCREDITED BY NAAC WITH 'GRADE B'
HETAMPUR, BIRBHUM.
PIN-731124

Mobile : 9434015200 / 6294670390
Email :
principalkccollege@yahoo.com
Website :
www.kccollege.ac.in

Ref. No.....

Date..... 31.01.2025

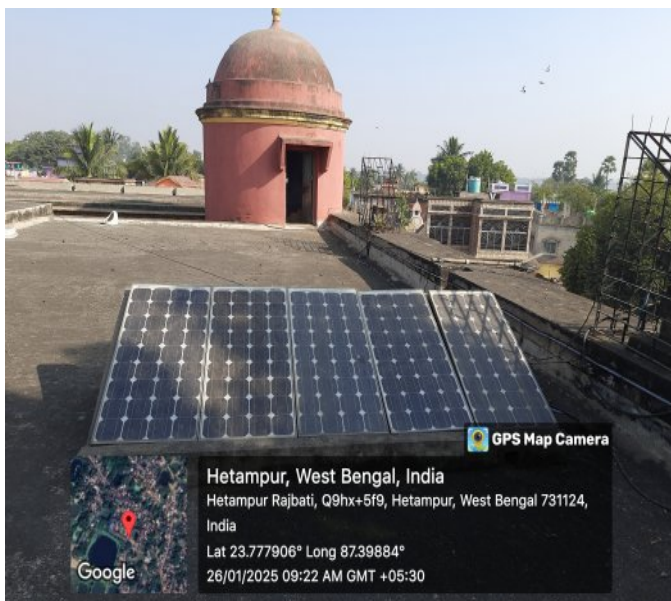
AQAR 2023-24

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures

- 1. Solar energy**
- 2. Biogas plant**
- 3. Wheeling to the Grid**
- 4. Sensor-based energy conservation**
- 5. Use of LED bulbs/ power efficient equipment**

Our college installed solar inverter system (40 AH solar battery) on 31.01.2017 in lowering the heavy electricity expenses and diminish the overall operations costs. This solar electricity was used in lighting the interior of the office area. This solar system has renovated and reinstalled on 24.04.2022 with approximately 250-watt capacity of inverter panel (5 solar plates, each containing 50 watt). The college is now taking the initiative to light up the garden area with the electricity consumed by this solar panel.

Geo-tagged images of first installed solar system and its uses



Principal
Principal
Krishna Chandra College
Hetampur, Birbhum

Bill for Installation

CRG, SOI, Smr

PAY ORDER CASH / CHEQUE SLIP

No. _____ Date 31.01.17

KRISHNA CHANDRA COLLEGE
(Govt. Sponsored Degree College)
HETAMPUR * BIRBHUM

DEBIT Installation of Solar System

TO PAY ✓ Adl Solar Endorprin
Khetalaya, Birbhumi

PARTICULARS	AMOUNT	
	Rs.	P.
Cost of @ 30 MONTAGE	27500	
40 @ 12V 7 AMM	250	
2 @ 12V 7 AMM		
2 @ 200 LED V. 12V		
Bill No. 68, 69 of		
27.1.17		
Rupees <u>27,750/-</u>	TOTAL	27,750

Passes for Rs. (In words) Twenty seven thousand
seven hundred fifty Pay Rs. 27750

Head Clerk [Signature] 31.01.17
Accountant [Signature]
Principal / Teacher-in-charge
KRISHNA CHANDRA COLLEGE

Bursar _____
Received Rs. 27750

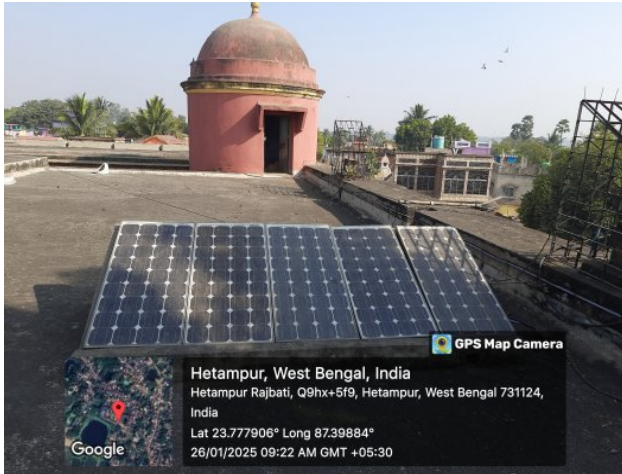
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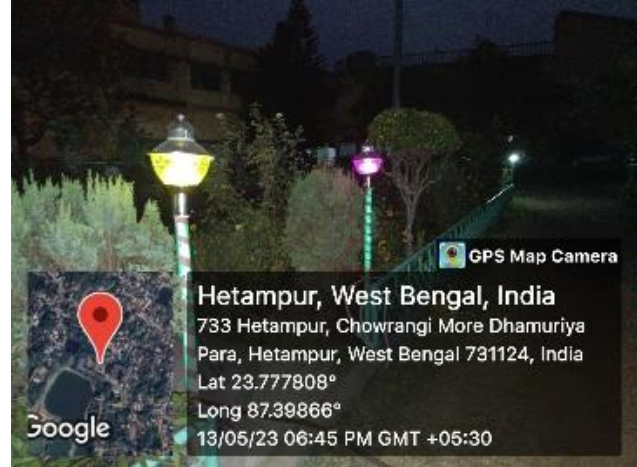
[Signature]
Principal
Krishna Chandra College
Hetampur, Birbhumi

Geo-tagged Images of Renovated Solar Panel and its uses

Our Rooftop Solar Panels



Use of Energy Generated by Solar Panels



Solar Inverter UPS



Bill for Renovation

DURGA SOLAR ENTERPRISE
Barabagan Bypass, P.O.- Barabagan, Suri, Dist:-Birbhum
Ph:- 8972419588

GST No:- 19AGTPD0022A1Z0 State:19 West Bengal, PAN:-AGTFD0022A

TAX INVOICE ORIGINAL For Recipient

Principal College P.O. Hetampur Birbhum		Invoice No :- DSE/7/2023-24		Invoice Date :- 24/4/2022	
		Due On :-		Challan No :-	
-		Order No :-		Order date :-	
-		Transport :-		Vehicle No :-	
-		LR. No :-		LR. Date :-	

Sl. No.	HSN / SAC	Description Of Goods	Qty	Unit	Rate	Disc %	SGST %	CGST %	Amount
	9504	Renovation and Maintenance work of Solar Inverter System	1	Set	8928		6	6	8928-00
									8928-00
CGST@ 6%		TAXABLE AMT of 8928		SGST 536		CGST 536		536-00	
SGST@ 6%						Rpsud Off		(-)	
TOTAL		8928		536		536		10000-00	
NET AMOUNT									10000-00

Total Amount In Words :- Rupees Thousand Only

Declaration: We declared that this invoice shown the actual price of the goods described and that all particulars are true and correct

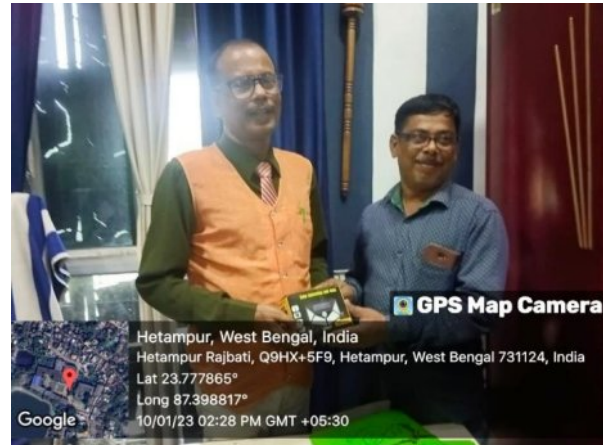
Handwritten Signature



Handwritten Signature
Principal
Krishna Chandra College
Hetampur, Birbhum

Sensor-Based Energy Conservation

Sensor-based energy conservation in college grounds is a multifaceted approach that optimizes lighting, HVAC systems, irrigation, and renewable energy sources. By embracing these technologies, colleges can demonstrate a commitment to environmental responsibility, reduce operational costs, and educate the campus community about the importance of sustainable practices in today's world. Some members Alumni Association of our college donated 7 sensor-based energy conservation lights for the college campus.



Fluorescent bulbs are completely replaced with CFL bulbs/LED's on whole college campus.

Total No. of CFL bulbs: 42

Total Nos. of LEDs: 275

Power Efficient Equipment (PEE):

Our college has taken initiative to purchase eco-friendly electrical appliances to reduce energy consumption. All incandescent lamps are replaced with LED and CFL bulbs in order to save power consumption. Also, Star Rank Refrigerators & Air Conditioners has been purchased as Power Efficient equipment (PEE) to save electricity in the college.




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