



ST. ALOYSIUS' COLLEGE

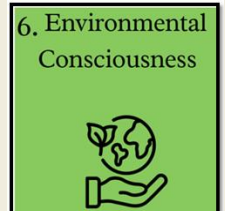
AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA

CRITERION-7

INSTITUTIONAL VALUES AND BEST PRACTICES

Key Indicator – 7.1

Institutional Values and Social Responsibilities



Metric No.: 7.1.2

Environmental Consciousness and Sustainability

Document Name

Energy Conservation Measures



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Environmental Consciousness and Sustainability

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

Other relevant document

Energy conservation measures

S.No.	Details
1	Power-Efficient Equipment
2	Natural Resource utilization
3	Glass-Encased Rooftop Corridors
4	Sustainable Transport
5	Hay Rooftop Initiative



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Power-Efficient Equipment

Institution prioritizes the use of power-efficient equipment such as energy-saving fans, green computers, inverter air conditioners etc. in order to reduce energy demand.





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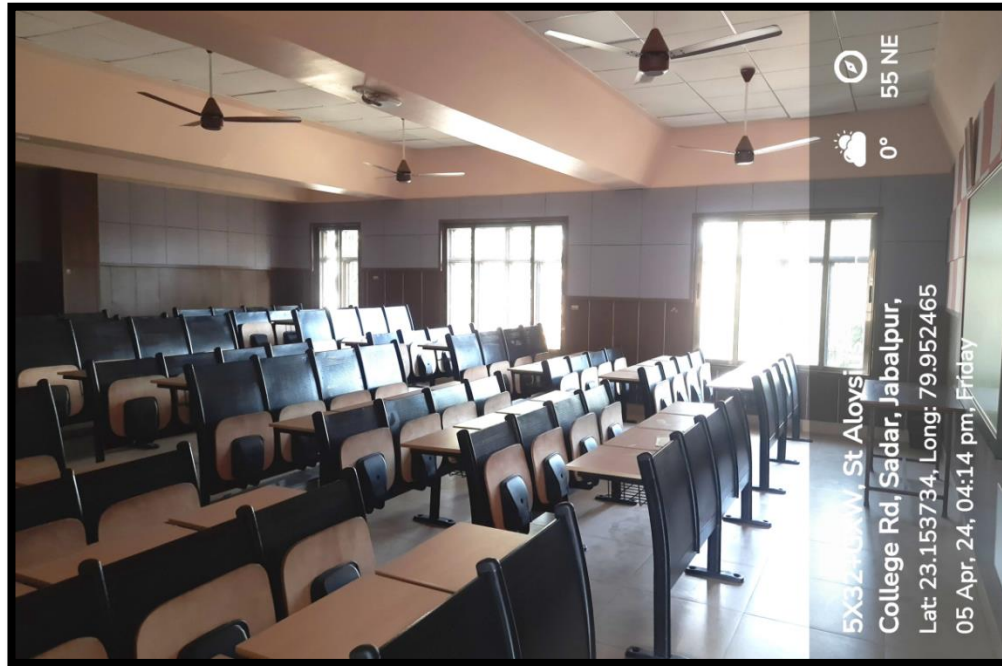
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Natural Resource utilization

Well natural daylight ventilated classrooms for minimizing energy consumption



Well ventilated class rooms



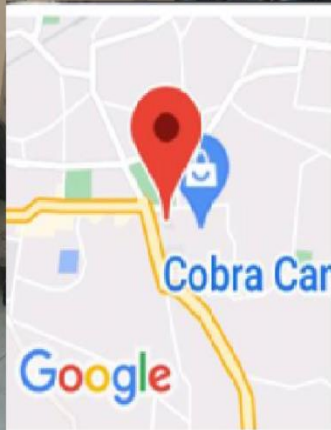
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Jabalpur India

1, Shakti Marg, Cantt, Jabalpur, Madhya Pradesh 482001, India

April 5, 2024

378 m

Latitude 23.1537359

GMT

10:34 am

Longitude 79.9534603

Local Time 16:04 pm

Well ventilated Girls GYM



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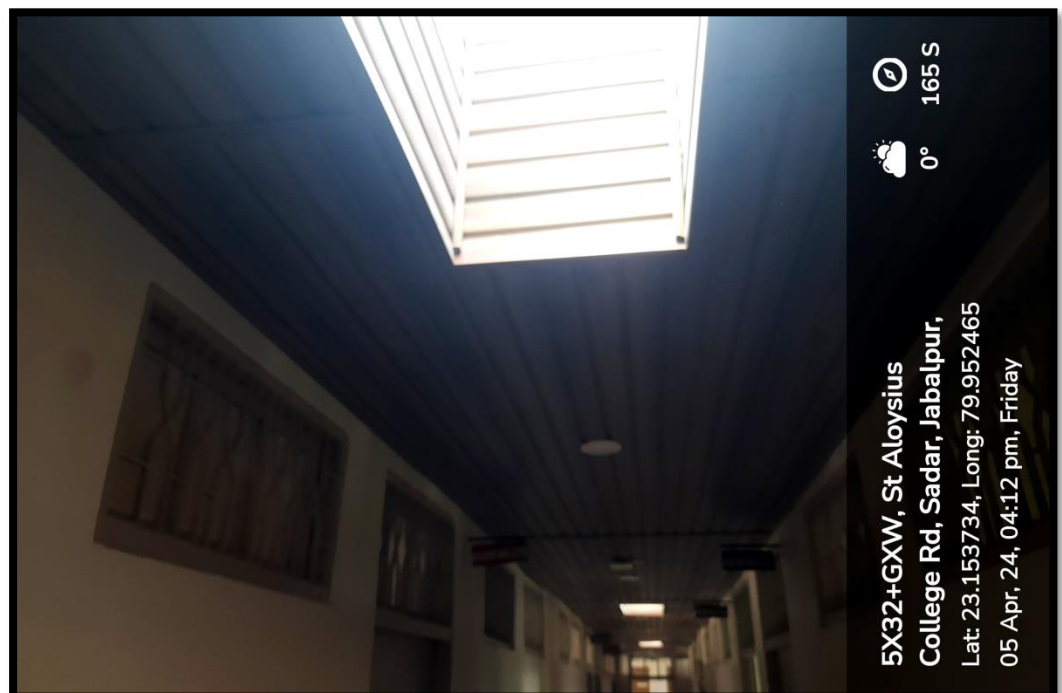
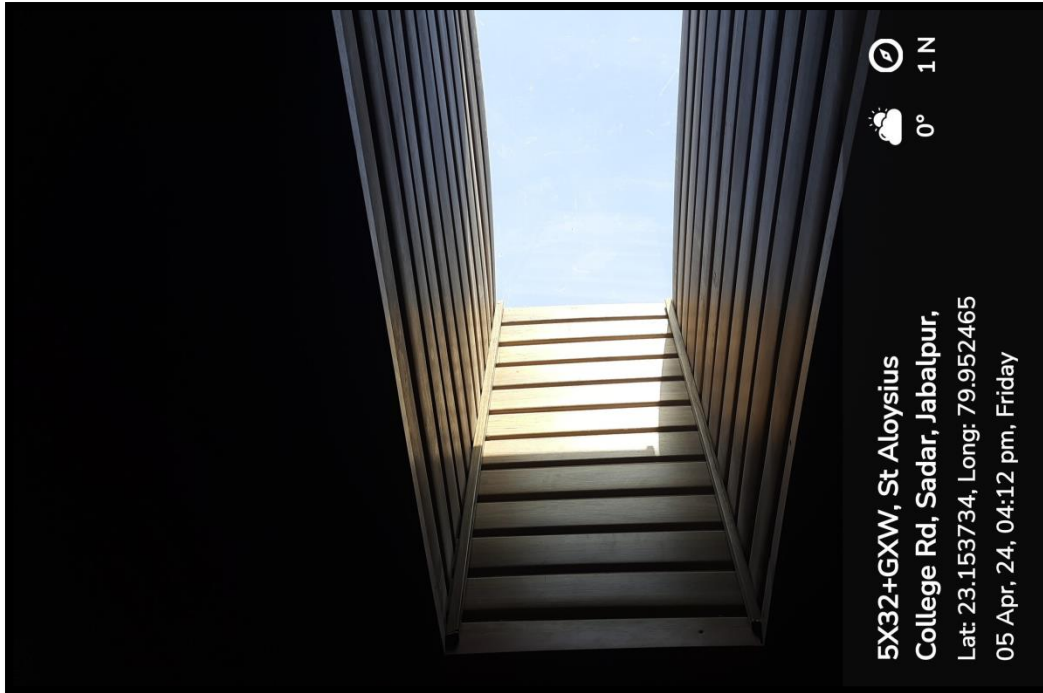
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Glass-Encased Rooftop Corridors: Integrating Energy Efficiency with Natural Elements





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**Encouraging Sustainable
Transport: A few of staff and students have chosen electric
vehicles for their daily commute.**





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Hay Rooftop Initiative: Cooling Buildings and Promoting Sustainability

St. Aloysius College has adopted the traditional Hay Rooftop initiative for energy conservation. During the summer, hay is spread across the rooftops and moistened with water to significantly cool the building, reducing heat penetration by 3 to 4%. This method not only conserves energy but also lowers air conditioning needs. With the arrival of the rainy season, the hay is removed and repurposed for composting. This approach effectively serves dual purposes: enhancing energy efficiency during hot months and contributing to sustainable practices by recycling the hay into compost.



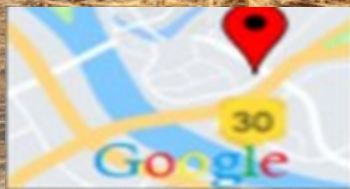
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Penti Naka Sadar, Sadar Main Rd, Cantt, Jabalpur,

Madhya Pradesh 482001, India

Latitude 23.153852860

Longitude 79.952895420

GMT 10:45 AM -05 April 2024

Terrace 1



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Terrace 2