

# INTERNAL COLLEGE ENERGY REPORT

2020-2021

This indicator addresses energy consumption, energy sources, energy monitoring, lighting, appliance ; natural gas and vehicles, Energy use is clearly an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment.

1. Three electricity meter is provided for the entire campus.
2. Conventional tube lights, LEDs & Fans are installed in consumption and saving on electric bill, college has initiated the process of replacing incandescent bulbs and tube light with LEDs.
3. College has 3 air conditioners with 3 star ratings. (standards set by Bureau of Energy Efficiency (BEE).
4. All Computers have LED screens . Computers are shut down by turning off the main switch when not in use.
5. Tube- lights and fans are switched off by students and staff when not in use.
6. Campus has a die set generator (DG) of capacity 24DG set us used only in case of emergency when there is power cut-off.

The areas of major consumption of electricity are.

1. Generator	-	02
2. Tube lights and LEDs	-	159
3. Camera	-	63
4. Fans	-	101
5. Pedestal Fan	-	20
6. Exhaust fan	-	12
7. Air Conditioners	-	03
8. Computers (dekstops & laptops)	-	47+11
9. Printer and scanner	-	12
10. Projections	-	04
11. Water purifiers RO system	-	02
12. Inverter	-	15
13. Freeze	-	04
14. Cooler	-	05

15. Wall clocks	-	10
16. LPG Cylinder	-	06
17. Mercury light	-	02
18. Photo copy machine	-	06
19. Battery	-	42

### RECOMMENDATIONS

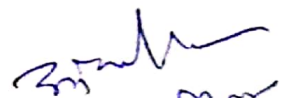

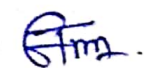
The College administration may consider on top priority

1. To use common of public vehicle instead individual vehicle to conserve fossil fuel.
2. Energy consumption of each building should be estimated to design the energy conservation plan.
3. Instead of out- sourcing the annual maintenance of Electrical Equipment college concern department staff shall take that responsibility.
4. Energy saving awareness shall be done by displaying the boards at appropriate places.
5. Encourage natural ventilation and illumination by alteration in the building structures when ever going for new constructions.



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कार्यालय क्षेत्रीय वन अधिकारी वन विभाग राजगढ़ (अलवर)

ग्रीन ऑडिट

सेवा में

श्रीमान प्राचार्य  
राजकीय महाविद्यालय  
राजगढ़ (अलवर)

विषय:- महाविद्यालय परिसर में लगे हुए वृक्षों की ऑडिट के सम्बन्ध में।

महोदय,

उपर्युक्त विषय एवं शीर्षक में निवेदन है की महाविद्यालय परिसर में लगे हुए वृक्षों की ऑडिट की जा चुकी है इस ऑडिट का विवरण निम्नानुसार है।

क्र.सं.	वृक्ष का नाम	पौधों की संख्या
1	अशोक	35
2	शिरसा	45
3	नीम	125
4	भाषड	85
5.	इमली	15
6.	सफेदा	35
7.	बड	04
8.	काला बादाम	10
9	खजूर	01
10	आमुनि	04
11	गुलर	01
12	बबूल	95
13	काल	35
14	मिर्चा	02
15	हरी सिंगार	01
16	औषधीय पौधे (काल में अरुण गंधा, तुलसी, गिलोय)	08

(क्षेत्रीय वन अधिकारी)  
राजगढ़ (अलवर)