



शासकीय महात्मा गांधी स्नातकोत्तर महाविद्यालय खरसिया  
जिला-रायगढ़ (छ.ग.)

[Government Mahatma Gandhi P. G. College Kharsia, Distt.- Raigarh (C.G.)]



Website : [www.mgcollegekharsia.in](http://www.mgcollegekharsia.in)

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Certified that an audit committee works in college since 2018-19. The following order shows the committee in serial number 4. The committee put up the report about the uses of LED bulb etc as following.

  
(डॉ. पी.सी. घुतालहरें)  
प्राचार्य  
एम.जी. शास.कला एवं विज्ञान मंडल, खरसिया  
जिला- रायगढ़ (छ.ग.)

कार्यालय प्राचार्य, महात्मा गांधी शासकीय कला एवं विज्ञान स्नातकोत्तर  
महाविद्यालय खरसिया, जिला- रायगढ़ (छ.ग.)

आदेश

क्र. 490 /स्था./2019

खरसिया, दिनांक 26/11/19

सत्र 2019-20 में महाविद्यालय के सफल संचालन के लिए पूर्व वर्षों में गठित समितियों में आंशिक संशोधन करते हुए कार्यालयीन समतुल्यक आदेश में परिवर्धित कर तत्काल प्रभाव से निम्नानुसार समितियाँ गठित की जाती हैं-

क्र.	समिति	संयोजक	सदस्य
1.	शिकायत निवारण समिति (छात्राओं के लिए)	डॉ० सुशील गोयल	प्रो० सरला जोगी (एनसीसी अधिवारी) प्रो० रीता सिंह (महिला प्रा०) कु० श्रीया अग्रवाल (अध्यक्ष छात्र संघ) कु० शोभा राजपूत (कक्षा प्रतिनिधि-हिन्दी) कु० चादनी मनहर (एनसीसी से), कु० गायबती (बी एससी से),
2.	शिकायत निवारण समिति (छात्रों के लिए)	डॉ० पी एल पटेल	प्रो० एम एल धीरही प्रो० एम के ईजाददार प्रो० जे आर कुर्र निखिल अग्रवाल (सचिव छात्र संघ) शैलेन्द्र सिंह (एनसीसी) रामकुमार (एनसीसी)
3.	ग्रीन ऑडिट समिति	प्रो० एम एल धीरही	प्रो० डी के भोई, प्रो० ए के पटेल (प्रा०), श्री सी एल उनसेना वन परिक्षेत्र अधिकारी खरसिया ओमप्रकाश जायसवाल, ज्ञानेन्द्र साहू, शिव सिदार, धनुजय जायसवाल, दीपिका नायक, डिगेश्वरी राठिया (एनएसएस)
4.	एनर्जी ऑडिट समिति	प्रो० के एरका	प्रो० पी के घेतानी, श्री जी डी महंत, लोकेश टण्डन, कमलेश धीरहे, रत्ना माहेश्वरी लता बंजारा, निर्मला राठिया, माधुरी राठिया, रेणुका महंत, नेहा कुम्हार (Old Building)

प्रो० जे करकेट्टा, श्री प्रेमसाय कश्यप,  
चेतना राठौर, अंजलि उनसेना, जागृति  
(New Building)

5. अकादमिक अर्केक्षण समिति	डॉ० एस गोयल	श्री आनंद श्रीवास्तव एवं अनिघंटव विद्युत विभाग शहरी खरसिया (for both Building) प्रो० एम के साहू, प्रो० जे आर कुँरे, श्री डी के यादव, प्रो० अर्चना आरतकर (प्रभारी प्राचार्य शहीद वीरनारायण सिंह शा० महाविद्यालय जोधी-बर्दा)
6. प्रशासनिक अर्केक्षण समिति	डॉ० पी एल पटेल	प्रो० सरला जोगी, प्रो० जे लेरकेट्टा, श्री आर के साहू डॉ० डी आर लहरे प्राचार्य लोचन प्रनाद पाण्डेय शासकीय महाविद्यालय सारगढ
7. पर्यावरण अर्केक्षण समिति	प्रो० ए के पटेल	प्रो० डी के सजय, प्रो० डी के भोई, श्री संजय गुप्ता, श्री सो एल उन्नाना वन परिक्षेत्र अधिकारी खरसिया
8. लेखा अर्केक्षण समिति	प्रो० गो के चेतानी	प्रो० शीता सिंह, श्री डी के यादव, श्री यू टोण्डे, प्रो० रविन्द्र कुमार धवाईल (सहाय प्रा०- वाणिज्य शहीद वीरनारायण सिंह शा० महाविद्यालय जोधी-बर्दा)

पृ.क्र. 490A/स्था./2019

प्रतिलिपि.

- समन्वयक NAAC-डॉ० आर के टण्डन / ICAC प्रो० एम के साहू एम जी कालेज खरसिया।
- संदर्भित डॉ०/ प्रो०/ श्री/ श्रीमती.....
- कार्यालयीन प्रति।

प्राचार्य,  
एमजी शासकीय महाविद्यालय  
खरसिया, जिला- रायगढ (छ.ग.)  
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प्राचार्य

एमजी शासकीय महाविद्यालय  
खरसिया, जिला- रायगढ (छ.ग.)

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## ENERGY AUDIT REPORT



महात्मा गांधी शासकीय स्नातकोत्तर महाविद्यालय खरसिया,  
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[Mahatma Gandhi Govt. P. G. College Kharsia, Dist.-Raigarh (C.G)]



**ENERGY AUDIT : 2018-2019**

**Introduction:**

An energy audit is an inspection, survey and analysis of energy consumed in a system in order to identify opportunities for reducing energy expense and carbon footprints.

**Energy Audit Objectives:**

- To study the present pattern of energy consumption
- To identify energy saving measures for energy optimization
- To implement the acceptable and feasible measures for energy conservation.

**Methodology:**

**Historical Data:**

This step involves collection and study of electricity bills of college in order to establish base line data on energy consumption and its variation with change in production volume. Energy audit team collected energy bills of college for session 2019-2020 and analysed them.

**Actual measurement and data analysis:**

This step involves actual site measurement. Energy audit team visited to all units of college campus and collected the data for analysis like number of electrical appliances, their wattage and operating time.

**Identification of energy conservation opportunities:**

This step involves the identification of acceptable and feasible opportunities for minimizing energy consumption and their evaluation for implementation. After the complete data analysis, energy audit team finds out the opportunities towards energy conservation and made some recommendations.

**Remarks:**

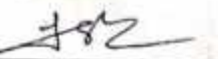
- 1) No use of incandescent bulb and CFL bulb.
- 2) Turn off Electrical Equipments When Not In Use
- 3) Use Energy Efficiency Light Emitting Diode(LED) Bulbs Instead Of Incandescent And CFL Bulbs.
- 4) Maintain Applications And Replace Old Applications.
- 5) Use Computers And Electronic Equipments In Power Saving Mode.

Thus, very good initiatives are taken by college for energy conservations.

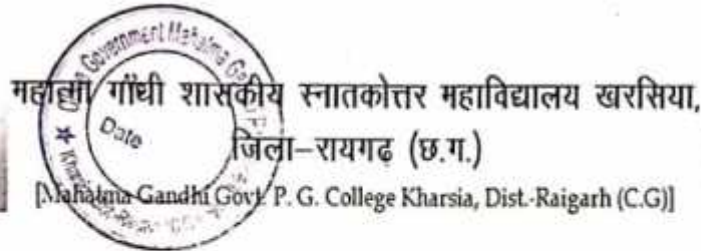
**Energy conservation opportunities:**

a) It has been observed that majority of electrical power consumption is through Ceiling fans having wattage 75 Watt. Therefore it is recommended to replace these ceiling Fans with 40 Watt Energy Efficient Fans.

b) PV solar system is suggested to install in a campus to minimize electricity bill. 15 KW solar panel may generate about 60 units per day which saves Rs 1,25,000 per year.

  
Audit Incharge

  
**Principal**  
Govt. Arts & Commerce College  
KHARSIA (Dist. - Raigarh) C.G.



## ENERGY AUDIT : 2019-2020

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This step involves actual site measurement. Energy audit team visited to all units of college campus and collected the data for analysis like number of electrical appliances, their wattage and operating time.

#### Identification of energy conservation opportunities:

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### Remarks:

- 1) 100% use of LED for lightening system.
- 2) Turn off Electrical Equipments When Not In Use.
- 3) Use Energy Efficiency Light Emitting Diode(LED) Bulbs Instead Of Incandescent And DFL Balbs.
- 4) Maintains Applications And Replace Old Applications.
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#### Remarks:

- 1) Good initiative towards use of renewable energy source through solar street lamp.
- 2) Turn off Electrical Equipments When Not In Use.
- 3) Use Energy Efficiency Light Emitting Diode(LED) Bulbs Instead Of Incandescent And CFL Bulbs.
- 4) Maintains Applications And Replace Old Applications.
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