

## Criteria 7- Institutional Values and Social Responsibilities



Shri Mahantswami Shikshan Prasarak Mandal's

### Shri Kumarswami Mahavidyalaya, Ausa Tq.Ausa Dist.Latur

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

NAAC Reaccredited "B" Grade ( 2<sup>nd</sup> Cycle )

Best Principal Award 2021 by SRTMUN

**(UG-Arts, Commerce & Science)**

Est. Year: 1971

## Criteria 7- INSTITUTIONAL VALUES AND BEST PRACTICES

Criterion 7	Description	Download
7.1	Institutional Values and Social Responsibilities	<a href="#">Link</a>
7.2	Best Practices	<a href="#">Link</a>
7.3	Institutional Distinctiveness	<a href="#">Link</a>

## **Criteria 7- Institutional Values and Social Responsibilities**

### **DOCUMENTS**

#### **7.1 Institutional Values and Social Responsibilities**

**7.1.3 Quality Audits on Environment and Energy regularly undertaken by the Institution**

## Criteria 7- Institutional Values and Social Responsibilities



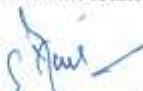
Dr. M. M. Betkar  
M.Sc., Ph.D.  
Principal

Ref.No. - SKSMA/  
Date: 12/09/2020

Green Audit has prepared this report on the basis of primary data collected from the different areas of the college campus. All reasonable care has been taken in its preparation, details contained in this report have been compiled in good faith based on information collected.

Prepared by :

IQAC & Green Audit team of SKS College

  
IQAC Co-ordinator  
Shri Kumarswami Mahavidyalaya  
Ausa, Dist. Latur

Officer

  
Principal  
Shri Kumarswami Mahavidyalaya  
Ausa Dist. Latur

## Criteria 7- Institutional Values and Social Responsibilities



Dr.M.M.Betkar

M.Sc.Ph.D.

Principal

Ref.No. - SKSMA/

Date: / /20

### Green Audit Report

Green audit report organizing is important for the upgrade of the environment condition in institute. It is carried out for the aim of performing the tasks like waste management, energy saving and others to change into better environmental friendly institute.

#### Objectives—

1. To secure the environment cut down threats posed to human health.
2. To analyse environmental practices within and outside the college campus, which will have an impact on the ecofriendly ambience.
3. To make a systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of plants.

#### Environmental policy of the college

Shri kumar swami college believes in maintaining its own standard about environment and quality consciousness.

It has taken no. of initiatives to protect environment with pollution free campus.

Every year during rainy season tree plantation is carried out and carefully looked after it.

The teaching and non teaching staff and students committed for carrying out its activity for sustainable development. And we achieve through the following.

- \*To sensitize the students and staff regarding the use of water properly.
- \*To bring in use the Rain water harvesting in the campus
- \*To use solid waste through composting in the campus and it will be used as fertilizer.
- \*To reduce the sound pollution in the campus
- \*To protect and nurture flora and fauna in the campus
- \*To maintain green campus and ecofriendly atmosphere.

#### Environmental management in the campus

##### 1. Water management—

- \*At present the water is not cycled or reused in any form in the college campus.
- \*The garden and other plants daily for two hours.
- \*College displays boards for switching of the taps when not in use.

##### 2. Air pollution management

- \*The college has been continuously conducting awareness programmes for staff, students, and society for protecting and maintaining environment.
- \*The awareness is also done by arranging programmes, rallies on various issues related to environment and health.
- \*The students and faculties involved through NSS/NCC. The notices are also circulated in college for awareness about air pollution. Parking zone and campus is protected.

##### 3. Noise pollution management

- \*Keep silence zone in the college-

Various boards are displayed and placed in the library and other places for awareness to maintain silence in the campus.

## **Criteria 7- Institutional Values and Social Responsibilities**



### **GREEN AUDIT REPORT**

**2020-2021**

**Of**

**Shri Kumarswami Mahavidyalaya, AUSA**

**Tq. AUSA Dist. Latur MS, India**

## Criteria 7- Institutional Values and Social Responsibilities

### Green and Energy Audit Report (2020-21)



#### Executive summary:

Shri Kumarswami Mahavidyalaya, AUSA is deeply concerned and unconditionally believes that there is an urgent need to address these fundamental problems.

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the green policy and energy policy adopted by the institution.

The methodology included physical inspection of the campus, measurements and recommendations. It works on the several facets of green campus including water conservation, tree plantation, waste management & paperless work.

With this, in mind, the specific objectives of the audit was to evaluate the adequacy of the management control framework of environment, sustainability as well as the degree to which the departments are in compliance with the applicable regulations, policies and standards. It can make it tremendous impact on student health and learning college operational costs and the environment.

#### GREEN AUDIT SUMMARY

SR NO.	AREA	OBSERVATIONS	REMARKS
1	Solid waste management	Waste bins are placed separately for dry and wet waste, organic waste like leaves, food waste etc.	Good initiatives taken by college towards use of solid waste management system.
2	Liquid waste Management	Rainwater harvesting is used to recharge the ground level water.	Good initiatives taken by college towards water conservation.
3	plastic free campus	College is taking initiatives by displaying banner about awareness of plastic free campus.	Good initiatives taken by college towards to implement plastic free campus.



## Criteria 7- Institutional Values and Social Responsibilities



### ENERGY AUDIT SUMMARY

SR. NO.	EQUIPMENT	PROPOSED ACTIONS	RESULT FOR PROPOSED ACTION
1	Lightning equipment 40W	Replaced 40 W light with 12 W LED tube light	Energy save 1540 KWH
2	Fan system	Replaced present ceiling fans consummating 60 W with 40 W	Energy save per month = 850 KWH

#### **Introduction:**

Green audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of various establishments. It aims to analyze environmental practices within and outside of the concern sides, which will have an impact on the eco friendly ambiance.

Green audit can be useful tool for a college to determine how and where they are using the most energy or water or resources, the college can then consider how to impliment changes and make savings.

It can create health consciousness and promote environmental awareness, values and ethics. It provides staff and students better understanding of green impact on campus.

#### **About college:**

Shri Mahant Swami Shikshan Prasarak Mandal's, Shri Kumar Swami Mahavidyalaya AUSA was established in 1971. The society is having proovan rich experience in the field of education more than 50 years.

The institution is located on scenic of campus of 7 acres. The college is situated in green location which provides aesthetic appeal and a serene environment conducive for learning.

#### **Objectives of Green and Energy audit:**

- The main objective of the green and energy audit is to promote the environment and energy management and conservation in the college campus.
- To introduce and aware students to read concerns of environment and its sustainability.
- The primary objective of energy audit are to identify and evaluate opportunity to reduce energy consumption per unit of product output and reduce operating cost through energy conservation and planning.

#### **Observations and recommendations**

## Criteria 7- Institutional Values and Social Responsibilities



### a) Observations:

- The study observed that the bore wells are major sources of water in the college and the hostel. Water is used for drinking purpose, toilets and gardening. The waste water from the R O water purifier is used for gardening purpose.
- During the survey no loss of water is observed neither by any leakages nor by overflow of water from overhead tanks.
- The data collected from all the departments examined and verified on an average the total use of water in the college is approx 22000 liter per day which includes 20000 liters per day for domestic, gardening purposes and 1000 liter per day for drinking purpose.
- Rainwater harvesting units are also functional for recharging groundwater level.

### b) Recommendations:

- In campus small / medium / large scale reuse and recycle of water system is necessary.
- To minimize wastage of water and use of electricity during water filtration process, if used, such as R O filtration process and ensure that the equipments used for such uses are regularly serviced.
- Gardens should be watered by using drip / sprinkler irrigation system to minimise water use.

### Energy use and Conservation :

This indicator addresses energy consumption, energy sources, lightning, energy monitoring, natural gas and vehicles. Energy use is clearly an important aspect of campus sustainability.

### a) Observations:

Energy source utilized by the campus is electricity only. The entire campus including common facility centers are equipped with LED bulbs, LED tube lights, except at few locations.

### b) Recommendations:

- In campus premises electricity should be shut down from main building supply after a occupancy time, to prevent power loss due to eddy current.
- It is preferable to purchase electricity from a company that invests new sources of renewable and carbon-neutral electricity.
- Five-star rated air conditioner fans should be used.



## Criteria 7- Institutional Values and Social Responsibilities



### CONCLUSION

Considering the fact that the institution is predominantly shri kumarswami college there is significant environmental assisment both by faculty and students. The environmental awareness initiatives are substantial. The rain harvesting is worthy. Besides environmental awareness programmes initiated by the administration shows how the campus is going green .Few recommendations are added to curb the means of waste management using ecofriendly and scientific techniques .This may lead to the prosperous future in context of green campus and thus sustainable environment and community development. As part of green audit campus ,we carried out the environmental monitoring of campus including illumination and ventilation of the class room. It was observed that illumination and ventilation is adequate considering natural light.

### Plant Diversity

Green Audit Report Plant Diversity				
No.	Common Name	Botanical Name	Family	No. of plants
1	Amorpha	Albizia Lebbek	Fabaceae	60
2	Amorpha	Caesalpinia pulcherrima	Caesalpiniaceae	37
3	Amorpha	Amorpha leucocarpa	Amorphaeaceae	5
4	Amorpha	Calliandra rosea	Fabaceae	15
5	Amorpha	Amorpha leucocarpa	Euphorbiaceae	9
6	Amorpha	Cratogeomys pulchra	Malvaceae	37
7	Amorpha	Amorpha leucocarpa	Malvaceae	11
8	Amorpha	Amorpha leucocarpa	Malvaceae	6
9	Amorpha	Amorpha leucocarpa	Fabaceae	5
10	Amorpha	Amorpha leucocarpa	Fabaceae	1
11	Amorpha	Amorpha leucocarpa	Fabaceae	1
12	Amorpha	Amorpha leucocarpa	Malvaceae	4
13	Amorpha	Amorpha leucocarpa	Rubiaceae	26
14	Amorpha	Amorpha leucocarpa	Amorphaeaceae	12
15	Amorpha	Amorpha leucocarpa	Amorphaeaceae	3
16	Amorpha	Amorpha leucocarpa	Malvaceae	10
17	Amorpha	Amorpha leucocarpa	Malvaceae	1
18	Amorpha	Amorpha leucocarpa	Caprifoliaceae	2
19	Amorpha	Amorpha leucocarpa	Fabaceae	23
20	Amorpha	Amorpha leucocarpa	Fabaceae	11
21	Amorpha	Amorpha leucocarpa	Malvaceae	1
22	Amorpha	Amorpha leucocarpa	Amorphaeaceae	3
23	Amorpha	Amorpha leucocarpa	Malvaceae	2
24	Amorpha	Amorpha leucocarpa	Fabaceae	2
25	Amorpha	Amorpha leucocarpa	Fabaceae	330

IQAC Co-ordinator  
Shri Kumarswami Mahavidyalaya,  
Ausa, Dist. Latur

Principal  
Shri Kumarswami Mahavidyalaya  
Ausa Dist. Latur

## Criteria 7- Institutional Values and Social Responsibilities



Ashoka (*Albizia lebek*)



Cassia tora



Gold mohar (*Caesalpinia pulcherima*)



Paper Flower (*Bougainvillea spectabilis*)

## Criteria 7- Institutional Values and Social Responsibilities



Sadabahar (*Vinca rosea*)



Chafa (*Plumeria obtusa*)



Drum sticks (*Moringa oleifera*)



Mango (*Mangifera indica*)



## Criteria 7- Institutional Values and Social Responsibilities



Tridax (Tridax procumbens)



Thuja (Thuja Occidentalis)



Peepal (Ficus religiosa)



Neem (Azadirachta indica)

## Criteria 7- Institutional Values and Social Responsibilities



Almond (*Prunus dulcis*)



Copper pod (*Peltophorum pterocarpum*)



Babul (*Acacia nilotica*)



  
Principal  
Shri Kumarswami Mahavidyalaya  
Ausa Dist. Latur



## Criteria 7- Institutional Values and Social Responsibilities

### Bird Diversity



Table: Common and Scientific names of birds and animals

S.No	Common Name	Scientific Name
1.	Common Myna	<i>Acridotheres Tristis</i>
2.	Black Myna	<i>Acridotheres Garganensis</i>
3.	House Sparrow	<i>Passer Domestica</i>
4.	House Crow	<i>Corvus Splendens</i>
5.	Chicken	<i>Gallus Gallus</i>
6.	Snake	<i>Naja Naja</i>
7.	Yellow Wag	<i>Hirundinidae</i>
8.	House Fly	<i>Musca Domestica</i>
9.	Common Woodshrike	<i>Tephrodornis Pondicerianus</i>
10.	Pied Myna	<i>Gracula Ceylonensis</i>
11.	Red-Vented Bulbul	<i>Pycnonotus Cafer</i>
12.	Kingfisher	<i>Alcedo Golegula</i>
13.	Garden Tiger Moth	<i>Parantica Agestis</i>
14.	Little Owl	<i>Nyctalestris Javanica</i>
15.	Golden Pheasant	<i>Chrysolophus Amurensis</i>
16.	Snake Skimmer	<i>Oreohelminthophila</i>



**Common Woodshrike**  
(*Tephrodornis pondicerianus*)



**Indian myna**  
(*Acridotheres tristis*)

## Criteria 7- Institutional Values and Social Responsibilities



Red vented Bulbul  
(*Pycnonotus cafer*)



House Sparrow  
(*Passer domesticus*)



## Criteria 7- Institutional Values and Social Responsibilities



**Skylark** (*Aluda gulgula*)



**Slender skimmer**  
(*Orthetrum Sabina*)



**Oleander Moth**  
(*Syntomeida epilais*)



**Larva of Garden tiger moth**  
(*Aretia caja*)

## Criteria 7- Institutional Values and Social Responsibilities



**Little owl** (Athene brama)



**Pigeon**



**Well Ventilated Lab**





## Criteria 7- Institutional Values and Social Responsibilities



**Rain Harvesting**



**Water tank**



## Criteria 7- Institutional Values and Social Responsibilities



**Drinking Water Cooler**



**Tree Plantation**



## Criteria 7- Institutional Values and Social Responsibilities



**Cleanliness Campaign**

## Criteria 7- Institutional Values and Social Responsibilities



  
Principal  
Shri Kumarswami Mahavidyalaya  
AUSA Dist. Latour



## Criteria 7- Institutional Values and Social Responsibilities

श्री कुमारस्वामी शिक्षण प्रसारक मंडळ श्री कुमारस्वामी महाविद्यालय औसा, जि. लातूर, महाराष्ट्र, पिन-४१३५२० (कला, वाणिज्य, विज्ञान) - मान्य (असाई) जीव मंडळात (शिकविते) यादीत नोंदविले -	NAAC Accredited B*  ESTD 1971	Shri. Mahantswami Shikshan Prasarak Mandal's SHRI KUMARSWAMI MAHAVIDYALAYA Ausa, Dist. Latur, Maharashtra. Pin-413520 (Arts, Commerce, Science) (Affiliated to S.R.T.M.U. Nanded)
02383-222038	sksmausa@gmail.com	www.sksmausa.org
DR. BETKAR M. M. PRINCIPAL		Ref. No. SKSM/201 Date



### GREEN AUDIT COMMITTEE

Following faculties are hereby informed that you have appointed in the Green Audit committee for the year 2017-18. So you have to actively work under the supervision of chairman.

- |                    |   |          |
|--------------------|---|----------|
| 1) Dr.J.A.Kadam    | - | Chairman |
| 2) Dr.K.N.Kadam    | - | Member   |
| 3) Dr.S.S.Kale     | - | Member   |
| 4) Dr.D.A.Dhaware  | - | Member   |
| 5) Mr.P.B.Deshmukh | - | Member   |


  
Principal  
Shri Kumaraswami Mahavidyalaya  
Ausa Dist. Latur

## Criteria 7- Institutional Values and Social Responsibilities



### ENERGY AUDIT COMMITTEE

Following faculties are hereby informed that you have appointed in the Energy Audit committee for the year 2018-19. So you have to actively work under the supervision of chairman.

- |                    |   |          |  |
|--------------------|---|----------|--|
| 1) Dr.S.D.Misal    | - | Chairman |  |
| 2) Dr.S.T.Nakade   | - | Member   |  |
| 3) Mrs.J.H.Bhosale | - | Member   |  |
| 4) Mr.B.D.Kokane   | - | Member   |  |
| 5) Mr.J.N.Shaikh   | - | Member   |  |

Principal  
Shri Kumaraswami Mahavidyalaya  
Ausa Dist. Latur



## Criteria 7- Institutional Values and Social Responsibilities



### ENERGY AUDIT COMMITTEE

Following faculties are hereby informed that you have appointed in the Energy Audit committee for the year 2019-20. So you have to actively work under the supervision of chairman.

- |                    |   |          |
|--------------------|---|----------|
| 1) Dr.S.D.Misal    | - | Chairman |
| 2) Dr.S.T.Nakade   | - | Member   |
| 3) Mrs.J.H.Bhosale | - | Member   |
| 4) Mr.B.D.Kokane   | - | Member   |
| 5) Mr.J.N.Shalki   | - | Member   |

*[Handwritten signatures of the committee members]*

*[Handwritten signature of the Principal]*  
Principal  
Shri Kumaraswami Mahavidyalaya  
AUSA Dist. Latur

## Criteria 7- Institutional Values and Social Responsibilities



### ENERGY AUDIT COMMITTEE

Following faculties are hereby informed that you have appointed in the Energy Audit committee for the year 2020-21. So you have to actively work under the supervision of chairman.

- |                    |   |          |  |
|--------------------|---|----------|--|
| 1) Dr.S.D.Misal    | - | Chairman |  |
| 2) Dr.S.T.Nakade   | - | Member   |  |
| 3) Mrs.J.H.Bhosale | - | Member   |  |
| 4) Mr.B.D.Kokane   | - | Member   |  |
| 5) Mr.J.N.Shaikh   | - | Member   |  |

Principal  
Shri Kumarswami Mahavidyalaya  
Ausa Dist. Latur

## Criteria 7- Institutional Values and Social Responsibilities



### ENERGY AUDIT COMMITTEE

Following faculties are hereby informed that you have appointed in the Energy Audit committee for the year 2021-22. So you have to actively work under the supervision of chairman.

- |                    |   |          |
|--------------------|---|----------|
| 1) Dr.S.D.Misal    | - | Chairman |
| 2) Dr.S.T.Nakade   | - | Member   |
| 3) Mrs.J.H.Bhosale | - | Member   |
| 4) Mr.B.D.Kokane   | - | Member   |
| 5) Mr.J.N.Shaikh   | - | Member   |

*[Handwritten signatures of the committee members: Dr. S.D. Misal, Dr. S.T. Nakade, Mrs. J.H. Bhosale, Mr. B.D. Kokane, and Mr. J.N. Shaikh]*

*[Handwritten signature of the Principal]*  
Principal  
Shri Kumarswami Mahavidyalaya  
Ausa Dist. Latur