


Ref:0342/0357/2023

Date:-27/09/2023

CERTIFICATE

This is to certify that "Abhalmaya Foundation" has conducted green audit at "Shrimati Rajmati Nemgonda Patil Kanya Mahavidyalaya, Sangli" in the academic year 2022-23. The Green audit involves initiatives, planning, efforts, activities implemented in the college campus like environmental promotional activities, water and waste water management, rain water harvesting, tree plantation, energy conservation, paperless technology and various environmental awareness activities. This Green audit is also aimed to assess impact of green initiatives for maintenance of the campus in an eco friendly manner.

The college has submitted necessary data and credentials for scrutiny. The activities and measures carried out by the college have been verified and the efforts are found to be satisfactory. The efforts taken by the management, faculty, and students towards green campus are highly appreciated.


Ek. Pratik U. Deshpande
(Green Audit Incharge)




Architect Pr. Armod B. Chaugule
(CEO/Auditor)

Ref: 0342/0163/2023

Date: -01/07/2023

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Architect Pramod B. Chaugule
(CEC/Auditor)

GREEN AUDIT REPORT

2022-23



Smt. Rajmati Nemgonda Patil Kanya Mahavidyalaya, Sangli



CONSULTANT-



Abhalmaya CS 13700, Local Board Colony/

Near Udyog Bhavan, Sangli 416416 Maharashtra, India

Phone No.:-+91 233 2675888



➤ ACKNOWLEDGEMENT

We are grateful to the committee members Of Shrimati Rajmati Nemgonda Patil kanya Mahavidyalay, Sangli to award prestigious project and allow us to step into the new phase of Green Audit in the College Campus.

Further we sincerely thank the college staff for providing us necessary facilities and co-operation during the audit. This helped us in making the audit, a success.

Further we hope, this will boost the new generation to take care of Environment and propagate these vies for many generation to come.

➤ Introduction.

Green Audit can be defined as systematic identification, quantification, recording, reporting and analysis the components of environmental diversity. The 'Green Audit' aims to analyze environmental practices within and outside the college campus, which will have impact on the eco-friendly ambience. It was initiated with the motive of inspecting the work conducted within the organization whose exercise can cause risk to the health of inhabitants and the environment. Through Green Audit, one gets a direction as how to improve the condition of environment and there are various factors that have determined the growth of carrying out Green Audit.

➤ About the College.

The Lathe Education Society was established on 13th June 1951, with the aim of widespread of Education. Presently, it has nourished into 36 branches from K. G. to P. G. in different faculties and courses with the intake of 25000 students. In Higher Education it embraces Arts, Commerce, Science, Law, Medical, Engineering, Agriculture, Technology discipline. The society has earned the name and fame through its yeomen services during last six decades. The society is pacing with the time by implementing innovative programmer such as Lathe pattern for academic excellence, Award Scheme, Night Study Circle, Lathe Festival, Earn and Learn Scheme, Lathe Career Academy, Computer Academy etc.

PRESENT STATUS OF COLLEGE.

Shrimati Rajmati Nemgonda Patil Kanya Mahavidyala was established in 2002, it mainly have three branches Arts , commerce, and science.

The college building has basement floor with G+1 floor.
There are 12 classrooms, 6 cabins, 1 library, 1 girls common room and 1 auditorium classroom.

Basement -	14281.64 Sqft
Ground floor-	13620.97 Sqft
First floor-	14281.64 Sqft
No .of students-	461
No. of staffs-	25
No .of trees grown -	21
No of bore well-	1 (1 hp submersible motor)
Rain Water Harvesting-	Done.
Solarium-	None.
R.O.system-	Provided in ground floor.
Drinking water tank-	1-500liter
Storage water tank-	2-2000 liter
No. of vehicles-	20
Vermi composting --	None.
Solid waste management-	None.
Plastic free-	None.

➤ Objective of the study.

The main objective of the Green Audit is to promote the environment Management and Conservation in the Campus. The purpose is to identify, quantify, describe and prioritize framework of environmental sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Audit are:

- To introduce and make students aware of real concerns of environment and its sustainability.
- To secure the environment and cut down the threats posed to human health by analyzing the pattern and extent of resource use on the campus.

➤ Assessment Methodology.

- In order to collect factual data the assessment team has interacted with concerned management personnel and visited different areas of the institution namely common classrooms, utility area, auditorium, gymkhana, office, staff rooms, library, electric room (meter room), water storage under storage and overhead, toilets kitchen and canteen, waste storage area, drainage system landscape ground, green house and parking, to ensure comprehensive coverage the assessment has been categorized into broad modules to facilitate a structured evaluation. The modules are as follows:

Waste management	Tree Plantation Management
Energy Conservation	Transportation Management
Water Management	Green and Biodiversity Management

- The assessment observations are supported by few photographs which have been captured during the visit.

➤ Waste Management:

• Observations:

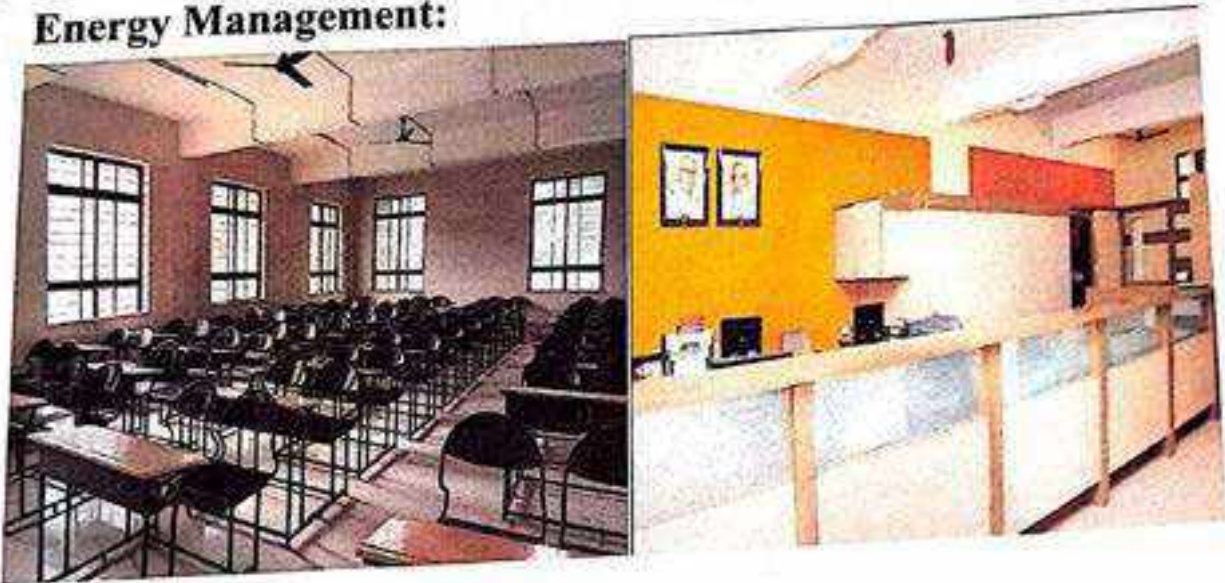
- There are bins provided in each floor of building, but there are no separate bins for general dry garbage and wet garbage.
- Reusing single-sided waste paper as notepads, creating a separate tray in the printing for single-sides used waste paper.
- Cardboard box are reused where possible.
- Disposable paper cups and glass cups are provided for the tea for all.
- The wet garbage from Canteen, tree leaves are used efficiently for compost.
- Compost is rich in nutrients. It is used for trees and shrubs in the campus.
- For waste water coming from toilets and washrooms they had adopted soak pit method for waste water management.
- As it is Girls College napkin incinerator is installed.

• Recommendation:

- Need separate bins for dry and wet wastes.

- More awareness programs should be conducted by college for students, college staff about waste management.
- Proper storage and safer disposal of waste, efficient and proper waste treatment, effective waste conservation and increasing resource recovery from waste should be done adequately.
- Need to adopt vermin composting method for waste management.

➤ **Energy Management:**



• **Observations:**

- Florescent tubes are installed in classroom, whereas in office room Led tubes are provided.
- Utilization of natural light when possible and electricity is appropriately used (avoiding its misuse).
- Shady trees are placed surrounding of the college and school.
- The school has a canopy of trees and a plant that the environment carbon dioxide frees and to maintain health of all the inmates.
- The campus has, palm trees, coconut, neem trees, and other trees, which provide shade and beautiful ambience. Energy is also conserved by using natural light in the classrooms.
- Some classrooms have a lack of natural light and ventilation.
- For each classroom fans are provided.

- **Recommendations:**

- High energy consuming incandescent lights and fluorescent lights in classrooms have to replace by less energy consuming LED or CFL lights.
- The college can introduce solar panel to reduce carbon foot print.
- Generator should be provided in absence of electricity.

➤ **Tree Plantation Management:**

- **Observations:**

- College has inadequate amount of tress.
- At entrance of college there are abundant amount of tress, entire front view building is covered by tress which gives beautiful aesthetic view of building.
- Coconut trees, palm trees ,madnodia champae (chafa),samanea saman(rain tree),psidium guava (guava tree),serbania seaban(shevari),duranta erecta,mimusopus elevgi,santaalum album (chandan) are different types of trees present in campus.
- There is some plantation of some medicinal plants like Neem, tulsi, plant which is mostly used in 'Ayurveda'.

- **Recommendations:**

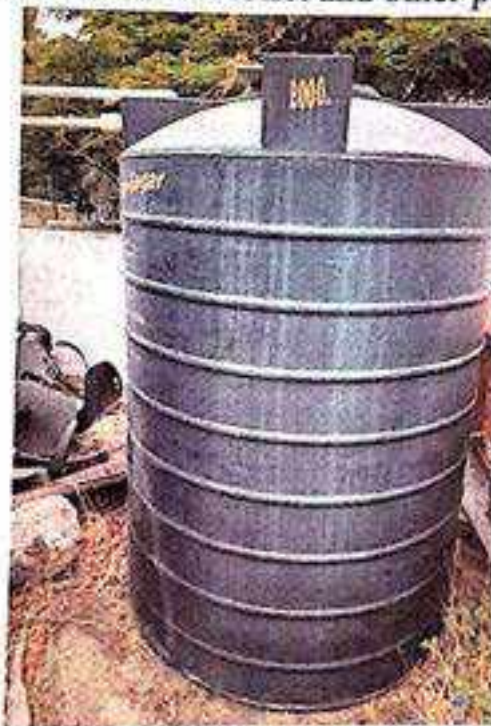
- College can put some manmade nests to attract some birds which may help them to maintain the ecological balance and the reservoir zone.
- More amounts of trees should be planted in ground campus to reduce pollution; tress like tamarind, pepal should be planted as it gives more oxygen.
- Terrace gardening along with solar panels should be provided.
- Gardening, lawns and varieties of tress should be planted for elegance purpose.

➤ **Water Management:**

- **Observations:**

- A water purification system is installed in college building. It is common purification system for college.

- Some were checked during the audit and were found to be standard taps which can save water.
- Washing waste water pipe from canteen and kitchens are used for trees.
- Waste water from toilets is connected to soak pits.
- There is no yet connection to municipal drainage line.
- Building has Rain Water Harvesting system.
- Identification and stoppages of leakages in pipelines is done regularly thus ensuring proper repairs and maintenance.
- Number of bore well activated is one.
- 500 liter water tank is maintained for drinking purpose, there is two tanks of 2000 liter capacity are maintained for toilet and other purposes.



• **Recommendations:**

- Consider carrying out meter reading on a regular basis in order to monitor water usage and set a baseline from which further reductions can be measured.
- Proper installation of appliances which reduce water consumption and installation of aerators/flow restrictors on faucets water consumption.
- Ro system should be installed for each floor but water from that system should be used be utilized for either toilet purpose or for trees.

➤ **Transport Management:**



• **Observation**

- Use of public transport services, bicycle and pedestrian routes is adopted and used by maximum students.
- Preferred parking land spaces for private vehicles and bicycles are provided for faculty and students.
- Adoption of methods to reduce air pollution and noise intensity levels is done by planting large amount of trees in the surrounding areas around the campus.

• **Recommendation:**

- Encouraging the awareness and usage of sustainable transportation technology.
- Sharing a motor vehicles between students is more preferable.
- Use of bicycles for short distance is recommended.

➤ **Green Management:**

• **Observation:**

- College minimizes the use of all cleaning products and chemical pollutants.
- Avoids the use of pesticides wherever possible.
- College encourages the use of environmentally friendly materials.
- Promotes the information regarding the nature, natural resources, wildlife for the conservation of biodiversity.

- Plantation, pollution and conserving resources and creating awareness of environmental issues and responsibilities.
- Colleges in managing and improving environmental performance.
- **Recommendation:**
 - Implementation of a green cleaning program using non-toxic products
 - College should strictly ban use of plastic products in the campus.
 - Limit the use of private vehicles such as two-wheelers and cars instead use public transport where-ever possible.
 - Conduct environmental awareness workshops based on.
 - i. Effect of pollution.
 - ii. Need of solid waste management.
 - iii. Socio-economic causes and consequences of future environmental changes.
 - iv. Valuing and managing ecosystem
 - v. Water shed and water management
 - vi. Impact of climate change.
 - vii. Recycling and reuse of materials
 - More awareness programs amongst students and other stakeholders (faculty, other staffs, service providers etc.) need to be organized for minimizing solid waste disposal.
 - Conservation and maintenance of trees should be carried out regularly.
 - Programs and celebration without bouquet.

> **Biodiversity Management:**

- **Observation:**
 - College can take steps to increase the bird diversity.
 - Grasses and herbaceous plants produce numerous seed heads that provides invaluable energy sources for migratory birds.
- **Recommendation:**
 - Facilitation of colonization by a more diverse flora and fauna. Adding birds boxes, and trap nests for bees as desired can create a unique and rare habitats.
 - Implementing programs to promote awareness, training and proper maintenance of green building design and biodiversity.
 - College can create habitat for living organisms in the nature in the order to enhance biodiversity.

➤ **Conclusion:**

The audit team suggests that there are always places where improvement can be made. The audit team suggests you to make changes in the college premises as per our recommendations. The audit team is thankful for your guidance and support.

Prepared by:



Er. Pratik U. Deshpande
(M.Tech (CM), B.E Civil, D.C.E)



Certified by:



Architect Pramod B. Chaugule
(B. ARCH, MBA (HR), Master of
Science in Green Building (US))
IGBC Patron Member,
TERI GRIHA Evaluator)

➤ **Declaration**

I agree with all the recommendations and observations mentioned in this Green Audit Report for the period of 2022-23. All the information provided for this audit is true and correct.

ABL/RNP/0353- 0357 /2023-24

27.09.2023

To

DR. MANASI GANU
SHRIMATI.R.N. PATIL KANYA MAHAVIDYALAY
NEMINATHNAGAR, VISHRAMBAUG,SANGLI 416416

DEAR MADAM

Gives me immense PLEASURE to submit you the desired GREEN AUDIT 2022-23 for the NAAC EVALUATION 2023-24. The detailed report and CERTIFICATE is attached here with.

We request you to kindly follow the practice as continuous process and kindly report in monthly to us for proper execution and the results.

WISHING YOU GREAT AND GREEN FUTURE . . !!

Kindly DONATE Rs. 8,888/- in the name of ABHALMAYA FOUNDATION, SANGLI and oblige.

Thanks and regards

Architect
Pramod Chaugule.

& **TEAM ABHALAMAYA**

ENCL :1. Certificate of Green Audit, 2. Detailed Report

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Offg. Principal
Smt. R.N. Patil Kanya
Mahavidyalaya, Sangli

स्टुडिओ C-C-C, लोकल बोर्ड कॉलनी, उद्योगभवनजवळ,
सांगली, ४१६ ४१६ फोन - (०२३३) २६७५८८८

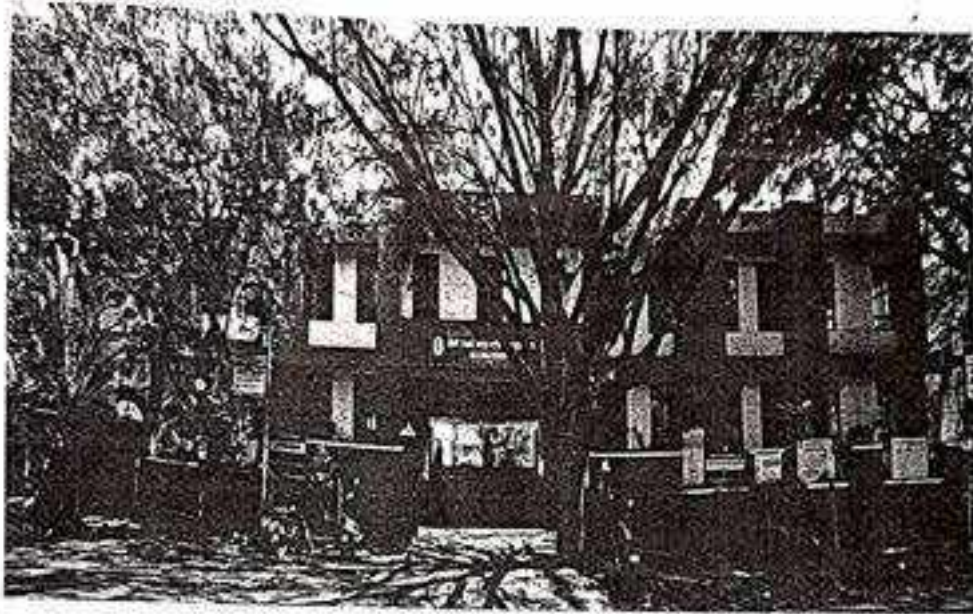
abmal no. 2888@gmail.com: a.pramod.chaugule@gmail.com
http://www.abhalmaya2888.org

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The Lathe Education Society was established on 13th June 1951, with the aim of widespread of Education. Presently, it has nourished into 36 branches from K. G. to P. G. in different faculties and courses with the intake of 25000 students. In Higher Education it embraces Arts, Commerce, Science, Law, Medical, Engineering, Agriculture, Technology discipline. The society has earned the name and fame through its yeomen services during last six decades. The society is pacing with the time by implementing innovative programmer such as Lathe pattern for academic excellence, Award Scheme, Night Study Circle, Lathe Festival, Earn and Learn Scheme, Lathe Career Academy, Computer Academy etc.

PRESENT STATUS OF COLLEGE.

Shrimati Rajmati Nemgonda Patil Kanya Mahavidyala was established in 2002, it mainly have three branches Arts , commerce, and science. The college building has basement floor with G+1 floor. There are 12 classrooms, 6 cabins, 1 library, 1 girls common room and 1 auditorium classroom.

Basement -	14281.64 Sqft
Ground floor-	13620.97 Sqft
First floor-	14281.64 Sqft
No .of students-	461
No. of staffs-	25
No .of trees grown -	21
No of bore well-	1 (1 hp submersible motor)
Rain Water Harvesting-	Done.
Solarium-	None.
R.O.system-	Provided in ground floor.
Drinking water tank-	1-500liter
Storage water tank-	2-2000 liter
No. of vehicles-	20
Vermi composting -	None.
Solid waste management-	None.
Plastic free-	None.

➤ Objective of the study.

The main objective of the Green Audit is to promote the environment Management and Conservation in the Campus. The purpose is to identify, quantify, describe and prioritize framework of environmental sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Audit are:

- To introduce and make students aware of real concerns of environment and its sustainability.
- To secure the environment and cut down the threats posed to human health by analyzing the pattern and extent of resource use on the campus.

➤ Assessment Methodology.

- In order to collect factual data the assessment team has interacted with concerned management personnel and visited different areas of the institution namely common classrooms, utility area, auditorium, gymkhana, office, staff rooms, library, electric room (meter room), water storage under storage and overhead, toilets kitchen and canteen, waste storage area, drainage system landscape ground, green house and parking, to ensure comprehensive coverage the assessment has been categorized into broad modules to facilitate a structured evaluation. The modules are as follows:

Waste management	Tree Plantation Management
Energy Conservation	Transportation Management
Water Management	Green and Biodiversity Management

- The assessment observations are supported by few photographs which have been captured during the visit.

➤ Waste Management:

• Observations:

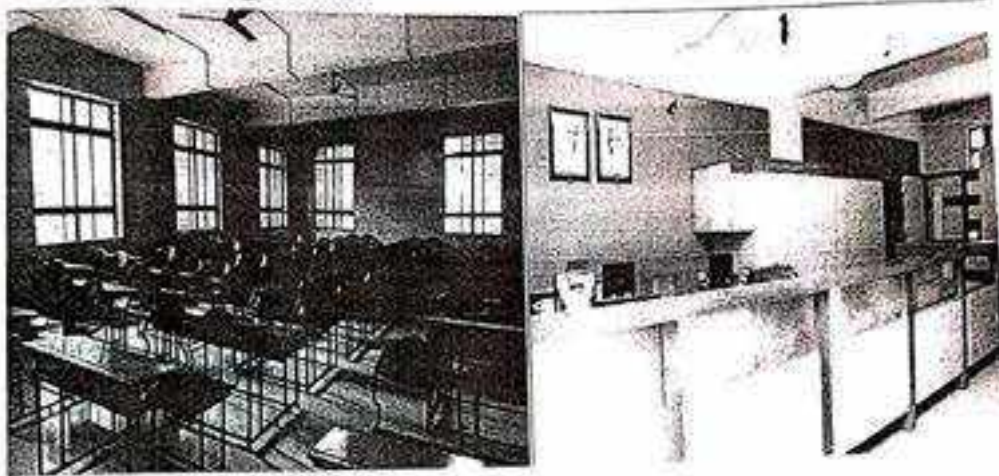
- There are bins provided in each floor of building, but there are no separate bins for general dry garbage and wet garbage.
- Reusing single-sided waste paper as notepads, creating a separate tray in the printing for single-sides used waste paper.
- Cardboard box are reused where possible.
- Disposable paper cups and glass cups are provided for the tea for all.
- The wet garbage from Canteen, tree leaves are used efficiently for compost.
- Compost is rich in nutrients. It is used for trees and shrubs in the campus.
- For waste water coming from toilets and washrooms they had adopted soak pit method for waste water management.
- As it is Girls College napkin incinerator is installed.

• Recommendation:

- Need separate bins for dry and wet wastes.

- More awareness programs should be conducted by college for students, college staff about waste management.
- Proper storage and safer disposal of waste, efficient and proper waste treatment, effective waste conservation and increasing resource recovery from waste should be done adequately.
- Need to adopt vermin composting method for waste management.

➤ Energy Management:



• Observations:

- Florescent tubes are installed in classroom, whereas in office room Led tubes are provided.
- Utilization of natural light when possible and electricity is appropriately used (avoiding its misuse).
- Shady trees are placed surrounding of the college and school.
- The school has a canopy of trees and a plant that the environment carbon dioxide frees and to maintain health of all the inmates.
- The campus has, palm trees, coconut, neem trees, and other trees, which provide shade and beautiful ambience. Energy is also conserved by using natural light in the classrooms.
- Some classrooms have a lack of natural light and ventilation.
- For each classroom fans are provided.

- **Recommendations:**

- High energy consuming incandescence lights and fluorescent lights in classrooms have to replace by less energy consuming LED or CFL lights.
- The college can introduce solar panel to reduce carbon foot print.
- Generator should be provided in absence of electricity.

➤ **Tree Plantation Management:**

- **Observations:**

- College has inadequate amount of tress.
- At entrance of college there are abundant amount of tress, entire front view building is covered by tress which gives beautiful aesthetic view of building.
- Coconut trees, palm trees ,madnodia champae (chafa),samanea saman(rain tree),psidium guava (guava tree),serbania seaban(shevari),duranta erecta,mimusopus elevgi,santaalum album (chandan) are different types of trees present in campus.
- There is some plantation of some medicinal plants like Neem, tulsi, plant which is mostly used in 'Ayurveda'.

- **Recommendations:**

- College can put some manmade nests to attract some birds which may help them to maintain the ecological balance and the reservoir zone.
- More amounts of trees should be planted in ground campus to reduce pollution; tress like tamarind, pepal should be planted as it gives more oxygen.
- Terrace gardening along with solar panels should be provided.
- Gardening, lawns and varieties of tress should be planted for elegance purpose.

➤ **Water Management:**

- **Observations:**

- A water purification system is installed in college building. It is common purification system for college.

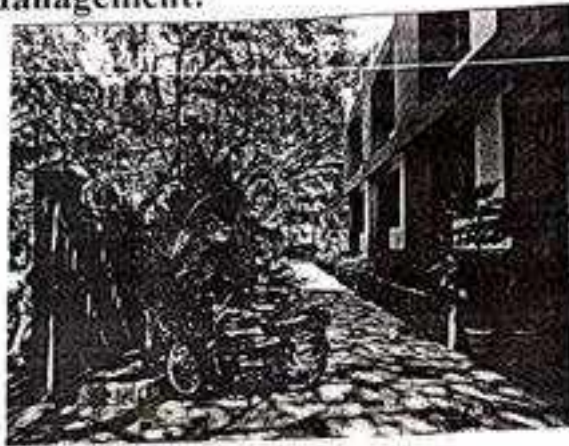
- Some were checked during the audit and were found to be standard taps which can save water.
- Washing waste water pipe from canteen and kitchens are used for tress.
- Waste water from toilets is connected to soak pits.
- There is no yet connection to municipal drainage line.
- Building has Rain Water Harvesting system.
- Identification and stoppages of leakages in pipelines is done regularly thus ensuring proper repairs and maintenance.
- Number of bore well activated is one.
- 500 liter water tank is maintained for drinking purpose, there is two tanks of 2000 liter capacity are maintained for toilet and other purposes.



• **Recommendations:**

- Consider carrying out meter reading on a regular basis in order to monitor water usage and set a baseline from which further reductions can be measured.
- Proper installation of appliances which reduce water consumption and installation of aerators/flow restrictors on faucets water consumption.
- Ro system should is installed for each floor but water from that system should be used be utilized for either toilet purpose or for trees.

➤ Transport Management:



- **Observation**
 - Use of public transport services, bicycle and pedestrian routes is adopted and used by maximum students.
 - Preferred parking land spaces for private vehicles and bicycles are provided for faculty and students.
 - Adoption of methods to reduce air pollution and noise intensity levels is done by planting large amount of trees in the surrounding areas around the campus.
- **Recommendation:**
 - Encouraging the awareness and usage of sustainable transportation technology.
 - Sharing a motor vehicles between students is more preferable.

➤ Green Management:

- **Observation:**
 - College minimizes the use of all cleaning products and chemical pollutants.
 - Avoids the use of pesticides wherever possible.
 - College encourages the use of environmentally friendly materials.
 - Promotes the information regarding the nature, natural resources, wildlife for the conservation of biodiversity.
 - Plantation, pollution and conserving resources and creating awareness of environmental issues and responsibilities.

- Colleges in managing and improving environmental performance.

Recommendation:

- Implementation of a green cleaning program using non-toxic products
- College should strictly ban use of plastic products in the campus.
- Minimizing the ozone depleting substances.
- Limit the use of private vehicles such as two-wheelers and cars instead use public transport where-ever possible.
- Conduct environmental awareness workshops based on.
 - i. Effect of pollution.
 - ii. Need of solid waste management.
 - iii. Socio-economic causes and consequences of future environmental changes.
 - iv. Valuing and managing ecosystem
 - v. Water shed and water management
 - vi. Impact of climate change.
 - vii. Recycling and reuse of materials
- More awareness programs amongst students and other stakeholders (faculty, other staffs, service providers etc.) need to be organized for minimizing solid waste disposal.
- Conservation and maintenance of trees should be carried out regularly.
- Programs and celebration without bouquet.

> Biodiversity Management:

• Observation:

- College can take steps to increase the bird diversity.
- Grasses and herbaceous plants produce numerous seed heads that provides invaluable energy sources for migratory birds.

• Recommendation:

- Facilitation of colonization by a more diverse flora and fauna. Adding birds boxes, and trap nests for bees as desired can create a unique and rare habitats.
- Implementing programs to promote awareness, training and proper maintenance of green building design and biodiversity.
- College can create habitat for living organisms in the nature in the order to enhance biodiversity.

➤ **Conclusion:**

The audit team suggests that there are always places where improvement can be made. The audit team suggests you to make changes in the college premises as per our recommendations. The audit team is thankful for your guidance and support.

Prepared by:



Er. Pratik U. Deshpande
(M.Tech (CM), B.E Civil, D.C.E)



Certified by:



Architect Pratik B. Chaugule
(B. ARCH, MBA (HR), Master of
Science in Green Building (US))
IGBC Patron Member,
TERI GRIHA Evaluator)

➤ **Declaration**

I agree with all the recommendations and observations mentioned in this Green Audit Report for the period of 2021-22. All the information provided for this audit is true and correct.



Offg. Principal
Smt. R.N. Patil Kanya
Mahavidyala, Sangli.



लठदे एज्युकेशन सोसायटीचे
श्रीमती राजमती नेमगोंडा पाटील कन्या महाविद्यालय
(आर्ट्स, कॉमर्स अँड सायन्स) गणेश मंदिर रोड, सांगली
नेमिनाथनगर, सांगली - 416 415 स्थापना २००२

फोन नं. (०२३३) २३०४३३० E-mail-smtmpkmsangli@gmail.com Website-www.smtmpkm.org

ज.क. आरएनपीकेएम/६६१/२०२१-२२

दिनांक १६/०१/२०२२

प्रती,
मा.अध्यक्ष,
आभाळमाया फाउंडेशन,
सांगली.
विषय - ग्रीन ऑडीट करून देणेबाबत.....
महोदय,

आमच्या महाविद्यालयाचे नॅक मूल्यांकनासाठी शैक्षणिक वर्ष २०२१-२२ चा AQAR चा रिपोर्ट पाठविणार आहोत. सदर रिपोर्टसाठी 'ग्रीन ऑडीट' करून घेणे आवश्यक आहे.

तरी आपण महाविद्यालयाचे शैक्षणिक वर्ष २०२१-२२ चे ग्रीन ऑडीट करून द्यावे ही विनंती.

कळावे,

आपली विश्वासू

(डॉ.मानसी गानू)

क. प्रमुख
श्रीमती रा.ने. पाटील
महाविद्यालय, सांगली



GREEN AUDIT REPORT



(2020-21)

LATHE EDUCATION SOCIETY.

**SHRIMATI RAJMATI NEMGONDA PATIL
KANYA MAHVIDYALAY, SANGLI.**

(ARTS, SCIENCE AND COMMERCE)



Sr.no	Title	Page. No
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8	Tree plantation	7
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12	Bio-diversity	10
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We are grateful to the committee members Of Shrimati Rajmata Nemgonda Patil kanya Mahavidyalay, Sangli to award prestigious project and allow us to step into the new phase of Green Audit in the College Campus.

Further we sincerely thank the college staff for providing us necessary facilities and co-operation during the audit. This helped us in making the audit, a success.

Further we hope, this will boost the new generation to take care of Environment and propagate these vies for many generation to come.

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Present status of college.

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No. of trees grown -21

No. of bore well-1 (1 hp submersible motor)

Rain Water Harvesting- Done.

Solarium-None.

R.O.system- Provided in ground floor.

Drinking water tank-1-500liter

Storage water tank-2-2000 liter

No. of vehicles-20

Vermicomposting -None.

Solid waste management- None.

Plastic free- None.

Objective of the study.

The main objective of the Green Audit is to promote the environment Management and Conservation in the Campus. The purpose is to identify, quantify, describe and prioritize framework of environmental sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Audit are:

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Observation:

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- Compost is rich in nutrients. It is used for trees and shrubs in the campus.
- For waste water coming from toilets and washrooms they had adopted soak pit method for waste water management.



- As it is Girls College network meter/monitor is installed

Recommendation:

- Need to separate bins for wastes which helps to segregate wastes easily
 - More awareness programs should be conducted by college for students, college staff about waste management
 - Proper storage and safer disposal of waste, efficient and proper waste treatment, effective waste conservation and increasing resource recovery from waste should be done adequately
 - Need to adopt vermicomposting method for waste management
 - Check for Municipal drainage line
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Observation:

- Fluorescent tubes are installed in classroom, whereas in office room Led tubes are provided
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- The college can introduce solar panel to reduce carbon foot print.



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• Observation:

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- There is some plantation of some medicinal plants like Neem, tulsi, plant which is mostly used in 'Ayurveda'.

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- A water purification system is installed in college building. It is common purification system for college.
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- Washing waste water pipe from canteen and kitchens are used for trees.
- Waste water from toilets is connected to soak pits.
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Observation

- Use of public transport services, bicycle and pedestrian routes is adopted and used by maximum students.
- Preferred parking land spaces for private vehicles and bicycles are provided for faculty and students.
- Adoption of methods to reduce air pollution and noise intensity levels is done by planting large amount of trees in the surrounding areas around the campus.

Recommendation:

- Encouraging the awareness and usage of sustainable transportation technology.
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Green Management:

Observation:

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- Colleges in managing and improving environmental performance.

Recommendation:

- Implementation of a green cleaning program using non-toxic products
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- Conduct environmental awareness workshops based on:
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- More awareness programs amongst students and other stakeholders (faculty, other staffs, service providers etc.) need to be organized for minimizing solid waste disposal.
- Ensure that the buildings conform to green standards.
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- Programs and celebration without bouquet.

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Observation:

- College can take steps to increase the bird diversity.
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➤ Conclusion:

The audit team suggests that there are always places where improvement can be made. The audit team suggests you to make changes in the college premises as per our recommendations. The audit team is thankful for your guidance and support

Prepared by: Er Pooja R Pailwan.

Pailwan

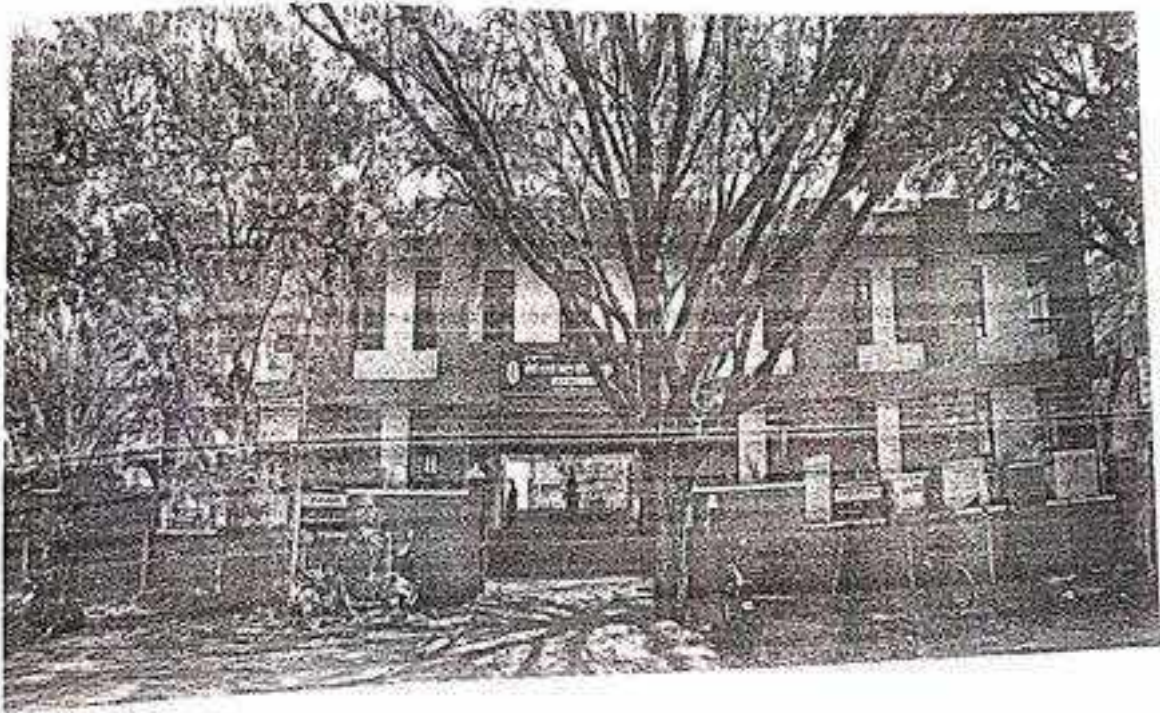
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Certified by:



➤ **Declaration**

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GREEN AUDIT REPORT



(2020-21)

LATHE EDUCATION SOCIETY.

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Pravara

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- Some classrooms have a lack of natural light and ventilation.
- For each classroom fans are provided.

Recommendation:

- High energy consuming incandescent lights and fluorescent lights in classrooms have to replace by less energy consuming LED lights.
- The college can introduce solar panel to reduce carbon foot print.



➤ Tree Plantation Management:

• Observation:

- College has inadequate amount of tress.
- At entrance of college there are abundant amount of tress, entire front view building is covered by tress which gives beautiful aesthetic view of building.
- Coconut trees, palm trees, madnodia champac(chafa), samanea saman(rain tree), psidium guava (guava tree), serbania seaban(shevani), duranta erecta, mimusopus elevgi, santaalum album (chandan) are different types of trees present in campus.
- There is some plantation of some medicinal plants like Neem, tulsi, plant which is mostly used in 'Ayurveda'.

• Recommendations:

- College can put some manmade nests to attract some birds which may help them to maintain the ecological balance and the reservoir zone.
- More amounts of trees should be planted in ground campus to reduce pollution; tress like tamarind, pepal should be planted as it gives more oxygen.
- Terrace gardening along with solar panels should be provided.
- Gardening, lawns and varieties of tress should be planted for elegance purpose.
- Rain tree should be cut down.

➤ Water Management:

Observation:

- A water purification system is installed in college building. It is common purification system for college.
- Some were checked during the audit and were found to be standard taps which can save water.
- Washing waste water pipe from canteen and kitchens are used for tress.
- Waste water from toilets is connected to soak pits.
- There is no yet connection to municipal drainage line.



- Building has Rain Water Harvesting system.
- Identification and stoppages of leakages in pipelines is done regularly thus ensuring proper repairs and maintenance.
- Number of bore well activated is one.
- 500 liter water tank is maintained for drinking purpose, there is two tanks of 2000 liter capacity are maintained for toilet and other purposes.

Recommendation:

- Consider carrying out meter reading on a regular basis in order to monitor water usage and set a baseline from which further reductions can be measured.
- Proper installation of appliances which reduce water consumption and installation of aerators/flow restrictors on faucets water consumption.
- Ro system should be installed for each floor but water from that system should be used be utilized for either toilet purpose or for trees.

➤ Transport Management:

Observation

- Use of public transport services, bicycle and pedestrian routes is adopted and used by maximum students.
- Preferred parking land spaces for private vehicles and bicycles are provided for faculty and students.
- Adoption of methods to reduce air pollution and noise intensity levels is done by planting large amount of trees in the surrounding areas around the campus.

Recommendation:

- Encouraging the awareness and usage of sustainable transportation technology.
- Sharing motor vehicles between students is more preferable.

✧ Green Management:

Observation:

- College minimizes the use of all cleaning products and chemical pollutants.
- Avoids the use of pesticides wherever possible.
- College encourages the use of environmentally friendly materials.
- Promotes the information regarding the nature, natural resources, wildlife for the conservation of biodiversity.
- Plantation, pollution and conserving resources and creating awareness of environmental issues and responsibilities.
- Colleges in managing and improving environmental performance.

Recommendation:

- Implementation of a green cleaning program using non-toxic products
- College should strictly ban use of plastic products in the campus.
- Minimizing the ozone depleting substances.
- Limit the use of private vehicles such as two-wheelers and cars instead use public transport where-ever possible.
- Conduct environmental awareness workshops based on.
 - i. Effect of pollution.
 - ii. Need of solid waste management.
 - iii. Socio-economic causes and consequences of future environmental changes.
 - iv. Valuing and managing ecosystem
 - v. Water shed and water management
 - vi. Impact of climate change.
 - vii. Recycling and reuse of materials
- More awareness programs amongst students and other stakeholders (faculty, other staffs, service providers etc.) need to be organized for minimizing solid waste disposal.
- Ensure that the buildings conform to green standards.
- Conservation and maintenance of trees should be carried out regularly.
- Programs and celebration without bouquet.

➤ Biodiversity Management:

Observation:

- College can take steps to increase the bird diversity.
- Grasses and herbaceous plants produce numerous seed heads that provides invaluable energy sources for migratory birds

Recommendation:

- Facilitation of colonization by a more diverse flora and fauna. Adding birds boxes, and trap nests for bees as desired can create a unique and rare habitats.
- Implementing programs to promote awareness, training and proper maintenance of green building design and biodiversity.
- College can create habitat for living organisms in the nature in the order to enhance biodiversity.

➤ Conclusion:

The audit team suggests that there are always places where improvement can be made. The audit team suggests you to make changes in the college premises as per our recommendations. The audit team is thankful for your guidance and support

Prepared by: Er Pooja R Pailwan.

Pailwan

Pailwan
Certified by:



➤ **Declaration**

I agree with all the recommendations and observations mentioned in this Green Audit Report for the period of 2020-21. All the information provided for this audit is true and correct.

GREEN AUDIT REPORT



(2020-21)

LATHE EDUCATION SOCIETY.

**SHRIMATI RAJMATI NEMGONDA PATIL
KANYA MAHVIDYALAY, SANGLI.**

(ARTS, SCIENCE AND COMMERCE)



Pratik

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➤ ACKNOWLEDGEMENT

We are grateful to the committee members Of Shrimati Rajmati Nemgonda Patil kanya Mahavidyalay, Sangli to award prestigious project and allow us to step into the new phase of Green Audit in the College Campus.

Further we sincerely thank the college staff for providing us necessary facilities and co-operation during the audit. This helped us in making the audit, a success.

Further we hope, this will boost the new generation to take care of Environment and propagate these vies for many generation to come.

➤ Introduction.

can cause risk to the health of inhabitants and the environment. Through Green Audit, one gets a direction as how to improve the condition of environment and there are various factors that have determined the growth of carrying out Green Audit Green Audit can be defined as systematic identification, quantification, recording, reporting and analysis the components of environmental diversity. The 'Green Audit' aims to analyze environmental practices within and outside the college campus, which will have impact on the eco-friendly ambience. It was initiated with the motive of inspecting the work conducted within the organization whose exercise.

➤ About the College.

The Lathe Education Society was established on 13th June 1951, with the aim of widespread of Education. Presently, it has nourished into 36 branches from K. G. to P. G. in different faculties and courses with the intake of 25000 students. In Higher Education it embraces Arts, Commerce, Science, Law, Medical, Engineering, Agriculture, Technology discipline. The society has earned the name and fame through its yeomen services during last six decades. The society is pacing with the time by implementing innovative programmer such as Lathe pattern for academic excellence, Award Scheme, Night Study Circle, Lathe Festival, Earn and Learn Scheme, Lathe Career Academy, Computer Academy etc.



Pravin

Present status of college.

Shrimati Rajmati Nemgonda Patil Kanya Mahavidyala was established in 2002, it mainly have three branches Arts, commerce, and science. The college building has basement floor with G+1 floor. There are 12 classrooms, 6 cabins, 1 library, 1 girls common room and auditorium classroom.

Basement -14281.64 Sqft
Ground floor-13620.97 Sqft
First floor-14281.64 Sqft
No. of students-461
No. of staffs-25
No. of trees grown -21
No of bore well-1 (1 hp submersible motor)
Rain Water Harvesting- Done.
Solarium-None.
R.O.system- Provided in ground floor.
Drinking water tank-1-500liter
Storage water tank-2-2000 liter
No. of vehicles-20
Vermicomposting -None.
Solid waste management- None.
Plastic free- None.

➤ Objective of the study.

The main objective of the Green Audit is to promote the environment Management and Conservation in the Campus. The purpose is to identify, quantify, describe and prioritize framework of environmental sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Audit are:

- To introduce and make students aware of real concerns of environment and its sustainability.
- To secure the environment and cut down the threats posed to human health by analyzing the pattern and extent of resource use on the campus.

- To bring out a status report on environmental compliance.

➤ Assessment Methodology.

- In order to collect factual data the assessment team has interacted with concerned management personnel and visited different areas of the institution namely common classrooms, utility area, auditorium, gymkhana, office, staff rooms, library, electric room (meter room), water storage under storage and overhead, toilets kitchen and canteen, waste storage area, drainage system landscape ground, green house and parking. to ensure comprehensive coverage the assessment has been categorized into broad modules to facilitate a structured evaluation. The modules are as follows:

Waste management	Tree Plantation Management
Energy Conservation	Transportation Management
Water Management	Green and Biodiversity Management

- The assessment observations are supported by few photographs which have been captured during the visit.

➤ Waste Management:

Observation:

- There are bins provided in each floor of building, but there are no separate bins for general dry garbage and wet garbage.
- Reusing single-sided waste paper as notepads, creating a separate tray in the printing for single-sides used waste paper.
- Cardboard box are reused where possible.
- Disposable paper cups and glass cups are provided for the tea and coffee for all.
- The wet garbage from Canteen, tree leaves are used efficiently for compost.
- Compost is rich in nutrients. It is used for trees and shrubs in the campus.
- For waste water coming from toilets and washrooms they had adopted soak pit method for waste water management.



1/10/20



- As it is Girls College napkin inselator is installed.

Recommendation:

- Need to separate bins for wastes which helps to segregate wastes easily.
 - More awareness programs should be conducted by college for students.
 - Proper storage and waste management.
 - treatment, effective waste disposal of waste, efficient and proper waste from waste should be done adequately.
 - Need to adopt vermicomposting method and increasing resource recovery
 - Check for Municipal drainage line.
- **Energy Management:**

Observation:

- Florescent tubes are installed in classroom, whereas in office room Led tubes are provided.
- Utilization of natural light when possible and electricity is appropriately used (avoiding its misuse).
- Shady trees are placed surrounding of the college and school.

- The school has a canopy of trees and a plant that the environment carbon dioxide frees and to maintain health of all the inmates.
- The campus has, palm trees, coconut, neem trees, and other trees, which provide shade and beautiful ambience. And also shrubs provided along the pathway.
- Energy is also conserved by using natural light in the classrooms.
- Some classrooms have a lack of natural light and ventilation.
- For each classroom fans are provided.

Recommendation:

- High energy consuming incandescent lights and fluorescent lights in classrooms have to replace by less energy consuming LED lights.
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- Adoption of methods to reduce air pollution and noise intensity levels is done by planting large amount of trees in the surrounding areas around the campus.

Recommendation:

- Encouraging the awareness and usage of sustainable transportation technology.
- Sharing motor vehicles between students is more preferable.

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- Avoids the use of pesticides wherever possible.
- College encourages the use of environmentally friendly materials.
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- Colleges in managing and improving environmental performance.

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> Conclusion:

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P. Pailwan
Certified by;



Prepared by: Er Pooja R Pailwan.
P. Pailwan

➤ **Declaration**

I agree with all the recommendations and observations mentioned in this Green Audit Report for the period of 2020-21. All the information provided for this audit is true and correct.



SHIVAJI UNIVERSITY, KOLHAPUR - 416 004 MAHARASHTRA
PHONE: EPBX - 2609000 FAX: 0091-0231-2691533 & 0091-0231-692333

शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४ महाराष्ट्र

दूरध्वनी ईपीबीएक्स - २६०९००० संलग्नता टी-२ विभाग दूरध्वनी - ०२३१ - २६०९०९९
संचालक, बी.सी.यु.डी. कार्यालय, दूरध्वनी : (थेट) ०२३१ - २६०९०७०

Estd: 1962
NAAC 'A++' Grade
Approved by NAAAC (2021)
With CGPA 5.2

ज.क्र. संलग्नता/टी-२/परिपत्रक/

परिपत्रक

दि. 22 APR 2022

No 00051

प्रति,
श्री. प्राचार्य/संचालक,
सर्व संलग्नित महाविद्यालये,
शिवाजी विद्यापीठ, कोल्हापूर

विषय:- आपल्या संस्थेचे/महाविद्यालयाचे "Green Audit" करण्याबाबत...

संदर्भ:- पर्यावरणशास्त्र विभागाचे दि.०५/०४/२०२२ रोजीचे पत्र.

व्होदय/महोदया,

उपरोक्त विषय संदर्भाकित पत्रास अनुसरून नॅक मुल्यांकनासाठी Criteria VII मध्ये महाविद्यालयांसाठी "Green Audit" किंवा Environmental Audit करणे आवश्यक आहे. तरी सदर ऑडिटचे काम शिवाजी विद्यापीठामधील पर्यावरण शास्त्र विभागामार्फत कंसल्टन्सी द्वारा करून देण्यात येते.

सोबत जोडलेले संदर्भाकित पत्र अवलोकनी घेवून विद्यापीठ संलग्नित सर्व महाविद्यालयांनी "Green Audit" किंवा Environmental Audit संदर्भाने कृपया पर्यावरण शास्त्र विभागाशी संपर्क (दूरध्वनी-०२३१-२६०९३३३/९३०४. Email id- envsc@unishivaji.ac.in) साधावा. हि विनंती.

कळावे,

आदेशान्वये



श्री विलास एस. सोयम

उपकुलसचिव

संलग्नता टी-२ विभाग

Smt. Rajmati Nemgonda Patil Kanya Mahavidyalaya. (Arts, Commerce & Science) Sangli.	
Inward No	584/2022
Date	25/4/22
File	S...
Mark	

31/4/22
Rajmati Nemgonda Patil

सोबत- प्रतीलप्रमाणे



Estd. 1962
MAAC 'A++' Grade
With CGPA 3.52

शिवाजी विद्यापीठ, कोल्हापूर पर्यावरणशास्त्र विभाग.

विद्यानगर, कोल्हापूर- 416 004, महाराष्ट्र, भारत

दूरध्वनी:- 0231-2609333 / 9304, ग्राम - युनिशिवाजी पोस्टा - 091-0231-2601533 / 2333
ई मेल- envsc@unishivaji.ac.in

दि. 04/08/2022

प्रति,
मा. उपकुलसचिव,
सलग्नता विभागास,
शिवाजी विद्यापीठ,
कोल्हापूर.

विषय: आपल्या संस्थेचे/महाविद्यालयाचे 'Green Audit' करण्याबाबत.

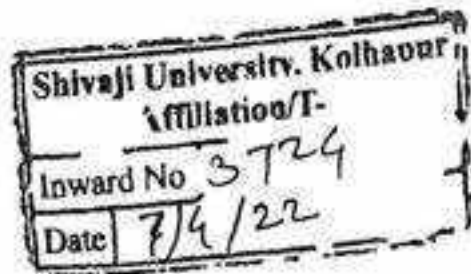
संदर्भ: १. शिवाजी विद्यापीठ 'व्यवस्थापन परिषद' दि. ९ ऑक्टोबर, २०१७ चा
विषय क्र. ४ चा ठराव

२. पर्यावरणशास्त्र विभागाचे पत्र क्र./नं. ९८९/ दि. १४/०२/२०१८/एस.
यु.पी.जी.।.

महोदय/महोदया,

नॅक मुल्यांकनासाठी Criteria VII मध्ये महाविद्यालयांसाठी Green Audit किंवा
Environmental Audit करणे आवश्यक आहे. तरी सदर ऑडीटचे काम शिवाजी
विद्यापीठामधील पर्यावरणशास्त्र विभागामार्फत कन्सल्टन्सी द्वारे करून देण्यात येते. तरी
सदर माहिती शिवाजी विद्यापीठांतर्गत येणाऱ्या महाविद्यालयांना कळविण्यात यावी ही
वेनेती.

कळावे,



आपली विश्वासू,

Adhar
5/10/22
विभागप्रमुख

डॉ. (श्रीमती) आसावरी जाधव
प्र. विभागप्रमुख व अधिव्याख्याते
पर्यावरणशास्त्र विभाग.

Proposal to conduct 'Green Audit' of Colleges and Institutes
affiliated to Shivaji University, Kolhapur

By

Department of Environmental Science, Shivaji University, Kolhapur

Preamble :

Green audit was initiated with the beginning of 1970s with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment. It is the duty of organizations to carry out the Green Audit of their ongoing processes for various reasons such as, to make sure whether they are performing in accordance with relevant rules and regulations, to improve the procedures and ability of materials, to analyze the potential duties and to determine a way which can lower the cost and add to the revenue. Through Green Audit, one gets a direction as how to improve the condition of environment.

Green Audit is assigned to the Criteria VII of National Assessment and Accreditation Council (NAAC). The intention of organizing Green Audit is to upgrade the environmental condition in and around the institutes, colleges, companies and other organizations. It is carried out with the aid of performing tasks like waste management, energy saving and others to turn into a better environmental friendly institute.

The objective of carrying out Green Audit is securing the environment and cut down the threats posed to human health. To make sure that rules and regulations are taken care of to avoid the interruptions in environment that are more difficult to handle and their correction requires high cost.

Need of Green auditing:

Green auditing is the process of identifying and determining whether institutions practices are ecofriendly and sustainable. Traditionally, we are good and efficient users of natural resources. But over the period of time excess use of resources like energy, water, chemicals are become habitual for everyone especially in common areas. Now, it is necessary to check whether our processes are consuming more than required resources? Whether we are handling waste carefully? Green audit regulates all such practices and gives an efficient way of natural resource utilization. In the era of climate change and resource depletion it is necessary to verify the processes and convert it in to green and clean one. Green audit provides an approach for it. It also increases overall consciousness among the people working in institution towards an environment.

Objectives of Green audit:

1. To adopt an eco-friendly practices to promote and confirm commitment in conservation practices and environmental performance.
2. To identify and analyze significant environmental issues.
3. To setup different goal, vision and mission for Green practices in university campus.
4. To establish and implement Environmental Management System for implementation and necessary action to achieve established goal, vision and mission.
5. To continue assessment for betterment in performance in green practices.
6. To prepare a Environmental Statement Report on green practices followed by different departments, supportive systems and administrative building.
7. To become a model for green practices in higher education.

Benefits of Green auditing:

Green auditing is useful to identify environmental issues. Audits are designed for to find out pros and cons of environmental practices, legislations. Green audit ensures regulation and standards for environmental management practices accepted with internal policy standard. Implement the Environmental Management System (EMS) standards within the campus. Increase awareness about environmental conservation among students and staff.

Methodology :

Steps under Green Audit:

1. Pre-Audit
2. On-site Audit
3. Post-Audit

Following audits will be carried out:

- > Water Audit
- > Waste Disposal Audit
- > Energy Audit
- > Environmental Quality Audit
- > Carbon accounting

Report Preparation and publication report:

1. The information required for the preparation of the audit is to be collected by the college.
2. The formats required for collection of information will be provided by Department of Environmental Science, Shivaji University, Kolhapur.
3. The documents and photographs required for the preparation of report be provided by the college.
4. Guidance for the analysis and writing of report will be provided by the department.
5. A full document will be prepared by the department and college will get it printed with their own cost.
6. Due credits should be given in acknowledgement and on cover page to the university and department.

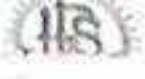
Charges for conducting Green Audit :

Sr. No	Total number of students in college	Number of students in each faculties in the college (aapx.)				Number of buildings (aapx.)	Area of college campus (aapx.)	Charges in Rs.
		Arts	Science	Commerce	Engg.			
1	Up to 1000	-	-	-	-	1-3	-	10000/-
2	1000-2500	-	-	-	-	3-6	-	15000/-
3	2500-5000	-	-	-	-	6-9	-	20000/-
4	Above 5000	-	-	-	-	9-11	-	25000/-

- A travel expense of team of experts to the college is to be borne by the college.

Payments :

Payments of the Green Audit charges be paid by cash or DD or NEFT to "Registrar, Shivaji University, Kolhapur". The receipt of the payment is submitted to the Department of Environmental Science, Shivaji University, Kolhapur. Then only work of Green Audit will be started.



श्रीगणेशाय नमः
 श्रीगणेशाय नमः श्रीगणेशाय नमः
 श्रीगणेशाय नमः श्रीगणेशाय नमः
 श्रीगणेशाय नमः श्रीगणेशाय नमः



श्रीगणेशाय नमः
अभिमान

२०२१/२०२२

आभाळमाया फाऊंडेशन संदर्भन संस्था
 अतिरिक्त विवरण संदर्भक = १२२२२

पत्ता संक रे इत्यादि

संक रे

संकेत संक

संकेत

संदर्भक महाविद्यालयपत्ता अथवा वाठविण्याचा पत्ता

आ वाठविण्याचा पत्ता

पत्ता _____ जिल्हा _____ राज्य _____

पिन _____

दूरध्वनी _____ मोबाईल _____

E-mail _____

आभाळमाया फाऊंडेशन,

हद्दिसो ८-८-८ लोकल बोर्ड कॉलनी, उद्योगभवनजवळ, सांगली ४१२ ४१६ फोन (०२२३) २२७५८८

E-mail abhalmaya888@gmail.com, anpramodchaugule@gmail.com http://www.abhalmaya888.org



श्रीमती राजमती नेमगोंडा पाटील कन्या महाविद्यालय
(आर्ट्स, कॉमर्स व सायन्स)

लठ्ठे एज्युकेशन सोसायटीचे.

Ph : (0233) 2304330

स्थापना २००२

गणेश मंदिर रोड, नेमिनाथनगर विश्रामबाग, सांगली - ४१६ ४१५ (महाराष्ट्र)
नेक नानांकन - "बी"

Email : Smtimpkmsangli@gmail.com Ph : (0233) 2970380 website www.mpkm.org

जा. क्र. आरएनपीकेएम/६१८/२०२२

दिनांक : २१/०५/२०२२

प्रति,

मा.अध्यक्ष,

आभाळमाया फाऊंडेशन,

सांगली,

विषय :- ग्रीन ऑडिट करून देणेबाबत...

महोदय,

आमच्या महाविद्यालयाचे नेक मूल्यांकनासाठी शैक्षणिक वर्ष २०२०-२१ चा AQAR चा रिपोर्ट पाठविणार आहोत. सदर रिपोर्ट साठी 'ग्रीन ऑडिट' करून घेणे आवश्यक आहे. या संदर्भात लठ्ठे एज्युकेशन सोसायटी, सांगली कडून महाविद्यालयाने परवानगी घेतली आहे.

तरी आपण महाविद्यालयाचे ग्रीन ऑडिट करून द्यावे ही विनंती

कळावे.

आपली विश्वासू.

(डॉ.मानसी गानू)
प्र.प्राचार्या

सोबत :- लठ्ठे एज्युकेशन सोसायटी, सांगली कडून मिळालेले परवानगी पत्राची झेरॉक्स प्रत

21/05/22



लक्ष्मी एज्युकेशन सोसायटी, सांगली
(जैन अल्पसंख्यांक संस्था)

राजमती परिसर, टिंबर एरिया, सांगली, ४१६ ४१६ (गहाराष्ट्र) © (०२३३) २३८८१४७, २३८८३६९, २९८००९३
रजि. नं. ए. ए. ए. ए. ए. GSTIN - 27AAAM0296J1Z Website: www.laxmieducation.in E-mail: laxmi@rediffmail.com

जा. क्र. लएसी/ 14 (2022-23

दिनांक 04 APR 2022

प्रति,
प्रभारी प्राचार्या,
श्रीमती रा. ने. पाटील कन्या महाविद्यालय,
सांगली

संदर्भ :- आपले जा.नं. 585 ता. 30-03-2022 रोजीचे पत्र.

आपल्या संदर्भिय पत्रास अनुसरून व सस्थेच्या व्यवस्थापकीय समितीच्या ता. 01-04-2022 रोजीच्या बैठकीतील निर्णयानुसार कळविण्यात येते की, आपल्या महाविद्यालयाच्या नॅक मूल्यांकनासाठी शैक्षणिक वर्ष 2020-21 चा AQAR चा रिपोर्ट पाठविण्यासाठी आवश्यक असलेले ग्रीन ऑडीट आभाळमाया फाँडेशनतर्फे करून घेणेस व यासाठी येणा-या रक्कम रु. 5,000/- च्या खर्चास मंजूरी देण्यात येत आहे.

Handwritten signature
(सुहास बा. पाटील)
ऑनररी सेक्रेटरी

Smt. Rajmati Nemgonda Patil Kanya Mahavidyalaya, (Arts, Commerce & Science) Sangli.	
Inward No	561/21-22
Date	:- 08/04/2022
File	:- ला.ने. पाटील
Clerk	:- <i>Handwritten signature</i>

Steps under Green Audit:-

Water Audit:-

Water crisis is very sensitive issue these days all over the world. Smt. Mathubai Garware Kanya Mahavidyalaya, Sangli has taken a good initiative.

The bore well and tap water from corporation are major sources of water. Water is used for drinking purpose, canteen, toilets, cleaning and gardening.

Drinking water supply:-

Reverse osmosis water purification system is installed in staff room to get purified water for drinking. Reverse osmosis purification system is installed for the students.

No loss of water is observed neither by leakage nor by overflow of water from overhead tanks.

Reuse of waste water:-

Waste water comes from R. O. System which is (installed for the students for drinking purpose) utilized for the toilets.

Recommendation:-

1. Need to take step toward rain water harvesting.
2. Drip irrigation for gardening to save water.

Energy Audit:-

Energy sources utilized by the all departments is electricity only. If there is energy cut off then Generator, invertors are installed for back up.

Architectural design of college is designed such as each class room get plenty of natural light and ventilation to save extra power for lights and fans.

Equipment like computers are used with power saving mode. Also administration staff runs switch off drill on regular basis.

In the entrance lobby and in the principal cabin LED lights are installed to save electricity.

Energy Saving Through Transportation:-

As many students comes from nearby villages they use public transport facility.
The bicycle bank scheme for students.

Recommendation:-

Installation of LED lamps instead of tube lights in some class rooms and office.

Waste Disposal Audit:-

Use of Dustbin:-

Proper use of dustbin is one of the major priority now a days under the swachh Bharat Mission.

In the college there are 28 class rooms, office, principal cabin, 2 staff rooms, canteen, toilet, garden so number of dustbins are appropriately 35.

Paper Reuse:-

Single sided used paper reused for writing and printing in office.

Old project reports and confidential reports, news papers are sent for pulping, recycling after completion of their preservation period to Janlakshmi trading sangli.

Waste From canteen and garden:-

Waste generation from tree dropping collected in large dustbin and dispose off into the municipal bins.

Waste generate from canteen mainly food waste and plastic sachet of lays kurkure etc. are dispose off into the municipal bins.

Sanitary Napkin Disposal:-

As our college is girl's college sanitary napkin disposal machines are installed in each toilets. There are 3 sanitary Napkin disposal machines working at present.

E Waste:-

E Waste generated in campus is very less in quantity. The cartridges of laser printers are collected outside the college campus. Unused rejected computer parts sold to vendar for recycling.

Recommendation:-

Need of vermicom posting project of canteen waste food and tree leaves dropping.

Environmental (Ambiance) Quality Audit:-

Green Belt:-

College is located in the heart of the city so to reduce air and noise pollution green belt is developed in the campus area.

There are near about 175 trees present in the campus

Big Trees: - 57

Ornamental Plants in potter-55

Ornamental and medicinal plants

Planted in soil-63

Green Belt of Ashoka Trees:-

Specially green belt of Ashoka trees developed as Ashoka tree is tolerant to air pollution and is effective in alleviating noise pollution.

This green belt helps to reduce the carbon dioxide in the campus.

Recommendation:-

Need to plants more medicinal plants and make aware the students about it.

Environmental Awareness Program:-

While maintain the environmental awareness program in the campus it is compulsory subject to all second year students which is irrespective of particular branches.

Programme taken by NSS:-

Group discussion on the topic environment protection Today Need of water conservation

Swachh Bharat Abhiyan

Tree Plantation week

Cleaning of Campus Area

Rally for Swachta Abhiyan
Cleaning of Ganesh Durg Fort

Programme taken by Nature Club:-

1. Superstition Eradication
2. Workshop on Environment
3. Tours to Hill Station
4. Tours to Seashore
5. Tours to Valley

Conclusion:-

As part of Green Audit or Campus we concluded that there is well developed green belt in the campus.

There is minimum use as electricity.

There is minimum use of water waste from classroom, garden and canteen, officers are properly disposed off.

Various environmental awareness programme taken under NSS and Nature Club.

THIS IS TRUS SEEN, CONFIRMED AND

ENDORSED AS 'GREEN-AUDIT' 2016-17



ARCHITECT,
PRAMOD CHAVALE
100TH GRINA & LEAD ENDORSEMENT.

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One page report

Year of the Dissertation - 2020

Date: 11/23/21

Name of Article Title (Must be in Urdu/Digri)

No. of Participants - 05

Classroom - B.A. II/III/Website

Organized by - MES Department

Objective - To create awareness about plastic use of tree and make them also

friendly environment.

Outcome/Action achieved/Status to get awareness about benefits of tree plantation.

Note



Dr. N. H. Jafar
Deputy Director
Metropolitan School

One page report

Name of the Department - (HST)

Date of Report

Name of Activity - Tree Plantation at College premises

No. of Participants - 30

Class Involved - B.A. 2nd Com. Students

Organized by - HST Department

Objective - To create awareness about protection of trees and water conservation.
to make environment more green.

Implementation - A field visit to the college premises to plant saplings of new generation.

Place -



Dr. P. Srinivas
Head, HST & PPT
Dr. K. Srinivas

One page report

Name of the Department - NSE

Date: 10/12/21

Name of Activity/ Task/ Programme or College project

No. of Participants - 01

Date Executed: P.A. & C.A. Hallam

Organized by - NSE Department

Objective - To study various effects, potentials of tree, and vegetation and
its environmental issues.

Demerits/Success achieved - to get awareness about benefits of tree plantation.

Photo



(Signature)
Eng. Principal
Bachchan Park, Kanpur
Mahavidyalaya, Kanpur

One page report

Name of the Department: NSE

Date: 21/01/2022

Name of Activity: Tree plantation of two plants

No. of Participants: 03

Class involved: B.A., B.Com, B.Sc(Bot)

Organized by: NSE Department

Objective: To assess awareness about plantation of tree and more focus on a school environment

Outcome/Content achieved: Students participated about tree plantation

Place:



[Signature]
Dr. N. P. K. K. K.
Maha Lakshmi College

One page report

Name of the Department - NSS

Date-08/08/21

Name of Activity-Tree Plantation/College program

No. of Participants - 25

Class involved- P.A. & C.A. Students

Organized by - NSS Captain

Objective - To create awareness among plantation of tree, and make them aware
about environmental issues.

Outcome/Success achieved- Students got awareness about benefits of tree plantation.

Photo:



(Signature)
NSS Captain
Savitri K. Poojary
Maharaja's College

One page report

Name of the Department - 1000

Date - 25/05/2024

Name of Activity - Tree Plantation at College premises

No. of Participants - 30

Class Level - B.A., B.Com, B.Arch

Organized by - NSS Department

Objective - To create awareness among students of Coll. and make them aware towards our green world.

Outcome/Response achieved - Students got motivated about benefits of tree plantation.

Photo




City Panchayat
Dist. P. N. Pur & Koppa
Malkajgiri, Rangh.