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TO WHOMEVER IT MAY CONCERN

Date: 29/08/2024

To,

The Principal
Sahyadri Science College,
SH 57,Vidya Nagar,
Shivamogga – 577203. Karnataka, India.

This is to certify that the Energy and Environmental Audit Report for the academic year 2022-23 at “Sahyadri Science College, Shivamogga” has been prepared by myself and our team members as follows:

1.Rana Pratap – EMS Auditor, Bengaluru.

The college has taken 'Good Green' initiatives in implementing water conservation through RWH and has made efforts to reduce energy consumption by using 76% lighting through LED bulbs. In addition, outreach activities were also carried out outside the campus in creating awareness among the society. The Green Campus initiative has been implemented at the College. The efforts of staff and students in the area of environment and sustainability are greatly appreciated.

Harisha K

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ENVIRONMENTAL CONSULTANT
BANGALORE

R. Pratap

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(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



ENVIRONMENTAL AUDIT REPORT



Signature

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(Constituent College of Kuvempu University)
SHIMOGGA, Karnataka State.

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Sahyadri Science College, Shivamogga

Campus Energy Audit

Mr. Harisha. K

ENVIRONMENTAL CONSULTANT

Dr. Rajeshawari N	: Principal.
Dr. Rajeshawari N	: Eco Club President.
Dr. M N Chandrashekhar	: NAAC Coordinator.
Dr. Krishnaswamy	: IQAC Coordinator.
Dr. Nagaraj Parisara	: HOD, Department of Environmental Science.
Dr. M N Chandrashekhar	: HOD, Department of Physics.
Dr. Ramesh Babu	: HOD, Department of Botany & Seed Technology.
Dr. VidhyaShankara M H	: HOD, Department of Computer Science.
Dr. Mohanesha K M	: HOD, Department of Electronics.
Dr. Ibrahim khalilulla	: HOD, Department of English.

With Contributions from

Staff Active Members of Eco Club,

Dr.Ha Ma. Nagarjuna, Department of Kannada.

Dr. K L Naik, Head, Department of Zoology.

Dr. Gopal T .D, Head, Department of Botany.

Sri. Arun Kumar, Department of Chemistry.

Dr. B T Prabhakar, Department of Bio technology.

Students Active Members of Eco Club,

Aishwaraya T - III ZBT

Arpitha - II ZBC

Chinmayi - I ZB



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Declaration

We the principal, faculty, staff and students of **SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA** are deeply concerned of the fastest scale and movement of pollution, degradation and depletion of resources leading to many environmental problems.

Environmental problems like Green house gases, Global warming, Ozone layer depletion and Climate change are the main issues we see, we listen and we talk of that, everywhere at local, national and international levels but we are not serious about resolving the problems. We need to create awareness regarding such issues which threaten the survival of all living beings on this earth including the humans too. These environmental problems have been caused by unsustainable production and consumption patterns and inequitable use of resources across the world.

There is an urgent need to think of such issues globally in a sustainable way adopting green technologies in our life to have a better future for the next generations using equitable and proper resource management in developmental projects.

Environmental challenges can be solved by creating awareness at institutional level. This awareness is needed in education research and policy making to reach our goals towards sustainable environment.

We therefore, agree to take the following actions at our institution for sustainable development:

1. Raising Awareness Of Environmentally Sustainable Development :- by conducting numerous programs (Local, Regional and National) with NGOs or institutions to create environmental awareness for a sustainable future.

2. Create An Institutional Culture Of Sustainability :- Encourage all institutions to engage in Education, Research, Policy making and information sharing on Overpopulation, Environmental issues and developments to move towards global sustainability.

3. Environmental Citizenship Education :- Environmental Education is imparted to students in the curriculum to create awareness and make them aware of the need to be responsible citizens.

4. Promote Environmental Literacy For All :- Create Environmental Capacity building programs to develop all students, faculty and staff at the college.


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SHIVAMOGGA, Karnataka State.

5. Practice Institutional Ecology:- Maintain Environmental responsibility by establishing institutional ecology policies and practices for resource conservation, recycling, waste reduction, and environmentally sound operations.

6. Involve All Stakeholders:- Promote the participation of government, NGOs and industry in supporting interdisciplinary research, Education, Policy making and information sharing in the area of Environmentally sustainable development to solve Environmental problems.

7. Collaborate For Interdisciplinary Approaches:- Engage university faculty and administrators with Environmental practitioners to develop interdisciplinary approaches in curricula, research initiatives, operations, and outreach activities that support an environmentally sustainable future.

8. Improving the Capacity Of Primary And Secondary Schools:- Actively participate in creating awareness and responsibility in various schools and communities for a good and clean environment.

9. Expand Service At Local And Regional Levels:- Collaborate with other institutions and NGOs to adopt Environmentally friendly practices and promote Environmentally friendly activities to protect the Environment.

10. Keep Moving:- Continually maintain balance to inform and support each other in their efforts towards a sustainable future.

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Acknowledgements

This Environmental Audit report could not have been completed without the assistance and support of several people on the SSC Campus. In particular, we need to acknowledge the enormous help provided by Prof. Sharath Ananthamurthy, Vice-Chancellor, Kuvempu University, Shri A.L.Manjunath, KAS (Super Scale Time), Registrar (Administration) & Finance Officer, Prof.S M Gopinath, Registrar (Evaluation), and Dr. Rajeshawari N, Principal & all the faculty and students particularly Coordinator and students of Eco Club, SSC.

This Environmental Audit could not have been conducted effectively without the active participation and help from various groups of students particularly from the departments of physics and Computer Science. Others on campus who provided valuable information and help include –

Dr. M N Chandrashekhar , NAAC Coordinator, Dr. Krishnaswamy, IQAC Coordinator. Dr., Rajeshawari N,Eco club President, Dr. Nagaraj Parisara HOD, Department of Environmental Science, Mr.Harisha K Environmental consultant has provided guidance, ideas and helpful suggestions to make the audit more complete and robust. Although we were not able to accomplish all the facets of the audit that the experts challenged us to achieve, this audit report has been greatly enhanced by their expertise in environmental auditing, scientific acumen, unfailing persistence and support.

We would like to thank Mr. Harisha.K Environmental Consultant for both hosting a visit and coming to visit us at SSC campus and providing his experience and guidance.

Finally we would like to thank all the members of the SSC Campus Eco Club group who provided motivation and a critical outlet for this audit to use for future sustainability efforts on campus.


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Executive Summary

SAHYADRI SCIENCE COLLEGE,SHIVAMOGGA is a leading Constituent Institution of Kuvempu University offering Under Graduate, Post Graduate Courses in the college. Latest environmental growth and an awareness is created in students; faculty and all staff towards becoming environmentally sound and a more sustainable eco-friendly campus.

The Campus is spread over 69 acres with a Good Green ambience. The college has nearly 150 Faculty, 1999 Students, 16 non teaching faculty, 13 House keeping staff and 2 Watchmen's. Education at the college is open to all young boys and Girls irrespective of religion, caste or community. It imparts quality education to the economically and socially backward classes, scheduled castes and scheduled tribe students and also to students from neighboring states of Karnataka and as well as rest of India. University education is provided not only to acquire knowledge but also to inculcate a sound philosophy of life for holistic living. To fulfill these objectives the College strives to create a scholastic environment through effective teaching, curricular and co-curricular activities and democratic disciplining.

The Rain water Harvesting is done to conserve water at the campus and waste management is carried out well by installing dustbins at all floors. As usual daily cleaning is carried out along with weekend cleaning work by NSS and Eco-club Members has kept the routine check on clean campus. and all the other red waste generated is disposed safely in the Girls Hostel using the Sanitary Napkin Destroyer. E-waste is collected and disposed safely to a recycler.

Car pooling, Bike pooling and use of bi-cycle by students in the campus have reduced the carbon emission which has contributed to carbon neutrality to make the institute a green campus.

College is providing significant Environmental education, research, awareness both by faculty, students in the Departments of Physics and other departments.

These are few milestones of how **Sahyadri Science College,Shivamogga** is going Green campus, all documented in this detail report. However, the audit has started to make the institution an eco-friendly and sustainable campus in the coming years to become a model Green institution.

Rejith N
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Overview of Campus Environmental Audit

SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA has committed to conservation of environment through sustainable and eco-friendly technologies.

The current Environmental Audit represents the first phase of efforts to build a sustainable and environmentally friendly campus at SSC. It is true that the definition of sustainable development is defined in different ways, but for this project we define sustainable development as a development that affects the environment, economic and social issues; However, it is often differentiated as an environmental problem. In its early manifestations, sustainable development was largely a Green agenda, or the integration of environmental considerations into economic development.

The Audit was conducted with the active assistance of

Mr. Harisha K, Environmental Consultant.

Dr. Rajeshawari N, Principal and Eco club President,

Dr. M N Chandrashekhar, NAAC Coordinator, HOD, Department of Physics,

Dr. Krishnaswamy, IQAC Coordinator,

Dr. Nagaraj Parisara, HOD, Department of Environmental Science.

Staff Active Members of Eco Club,

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Overview of Sahyadri Science College, Shivamogga

SCC was established in the year 1941 with intermediate college, But today along with B.Sc ,BCA ,M.Sc courses with 1999 students, has crossed several barriers effectively on its way to impart quality education with un disputable physical infrastructure and learning models. This has been the legacy, for the past eight decades since its establishment and looking forward towards taking one more challenge to its stride in providing education with quality and styled to reach the mass with limited time and available resources. Achievements are big enough to be dreamt and successive dreaming leads to achievements accrued over a period of time. The Institution has been able to make remarkable progress in all spheres of the academics and has been able to mark these achievements in academics, event management, academic evaluation and results, quality in leadership, learning outcome with the use of infrastructure, the basic set of guidelines and way of looking at various aspects has made remarkable progress and has seen several changes as days have passed.

Today the institution is providing a quality education, offering from graduate, courses to economically and socially backward classes, scheduled castes and scheduled tribe students coming from different parts of the state and also from rest of India. The institution with an illustrious past, marches ahead with long strides having the vision to scale greater heights in the coming years.

Vision:

- To be the most preferred Institution for basic Education, Conducting Quality Research and Developing Sustainability in education to help the local to become ethically strong globally recognised manpower.
- Student-centric education system which contributes directly to transforming the youth power sustainably into an equitable and vibrant knowledge society by providing high-quality education to all.

Mission:

- To prepare students for professional accomplishments and responsible global citizenship while fostering continuous learning and to provide state-of-the-art education through the committed and highly skilled faculty by partnering and collaborating with industry and R&D institutes.


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- The institute believes in providing quality basic education ensuring that the students have strong fundamentals along with adequate practical exposure. Continuous efforts are made to nurture students to excel in their respective field.
- To be the best at serving society by creating basic knowledge and educating students for dynamic and global careers.



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2022-23 ENVIRONMENTAL AUDIT

Ecology of SHIVAMOGGA

Shivamogga is situated in the mid South-western part of the state. It is bestowed with abundant natural resources. The Western area of the district consists of a mountainous terrain, while on the eastern side, there is a striking transition from malanad and semi-malnad to maidan. The district is bounded on the East by the Davangere district, on the South by the Chikamagalur district, on the West by the North and South Canara districts and on the North by the Haveri and Davangere districts. Its greatest length from East to West is 152.9 kms and from North to South is 128.8 kms.

The important rivers that flow through the Shivammoga districts are the Tunga, Bhadra, Tungabhadra, Sharavati, Kumudvathi and Varada. The Tunga and Bhadra unite to form Tungabhadra at Kudali in Shivamogga taluk, 14 kms from Shivammoga city. Every river in the district has its own mythological association. The district has a rich and varied flora; the major contributing factors to this variety bring differences in Rainfall and Topography within the district. The 2nd Highest rainfall getting place in the country is Agumbe has an Annual Average Rainfall of 8276 mm.

In spite of the availability of abundant natural resources and the establishment of some large scale industries like The Mysore Iron and Steel Ltd, The Mysore Paper Mills and The Tungabhadra Sugar Works etc. Sharavathi hydro electric power generation unit is in the district.

College campus has an area of 69 acres, which is located in the heart of the Shivamogga City, GPS coordinates (13° 27'N 76°04' E) Climatically a well favored City, which is a part of the South Deccan of peninsular India. The Highest Maximum Temperature of 35.8°C in April/May to the Lowest Minimum of 14.9°C in December/January. The Mean Annual Rainfall is 1042 mm. The Average Altitude of the City is 569 mts. above the MSL.


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Green Audit

To protect the environment along side with sustainable growth and eco friendly development is the mission of the college and tree plantations is the major concern to manage and maintain the greenery. This initiative will be adopted to beautify our premises in providing a good atmosphere for the academic and non-academic pursuits.

The college is situated in the heart of the city which will be transformed with plantation into an abundance of flora and fauna both inside and outside the campus in coming days. Green audit is carried out in the campus regularly by the staff, eco-club members periodically supervising in maintaining the green campus by planting new trees. Environmental education is included in the curriculum of the college for all the streams .

Flora

Identification/enumeration of flora was conducted from Department of Botany and Seed Technology, Zoology & Environmental Science.

List of some plants in the campus

Sl.No	Botanical Name	Common Name	Family
1.	Acalypha amentacea	Copper Leaf	EUPHORBIACEAE
2.	Adenium obesum	Desert Rose	APOCYNACEAE
3.	Adenanthera pavonina	Red Bead Tree (Goonja)	FABACEAE
4.	Aglaonema crispitum	Chinese Evergreen	ARACEAE
5.	Alstonia scholaris	Devil's Tree (Saptaparni)	APOCYNACEAE
6.	Alternanthera ficoidea	Kausal	AMARANTHACEAE
7.	Anona reticulata	Bullock's Heart (Ramphal)	ANNONACEAE
8.	Annona squamosa	Sitaphal	ANNONACEAE
9.	Araucaria heterophylla	Christmas Tree	ARAUCARIACEAE
10.	Artocarpus heterophyllus	Jackfruit	MORACEAE
11.	Azadirachta indica	Neem Tree	MELIACEAE
12.	Bambusa vulgaris	Bamboo	POACEAE

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13.	Barringtonia asiatica	Fish Poison Tree	LECYTHIDACEAE
14.	Bougainvillea galabra	Paper Flower	NYCTAGINACEAE
15.	Bougainvillea spectabilis	Bougainvel (Paper Flower)	NYCTAGINACEAE
16.	Caladium bicolor	Elephant Ear (Angel Wings)	ARACEAE
17.	Cassia fistula	Golden Shower Tree	CAESALPINAE
18.	Anacardium occidentale	Cashew Tree	ANACARDIACEAE
19.	Mangifera indica	Mango Tree	ANACARDIACEAE
20.	Artabotrys odosatissimus	Monoranjini	ANNONACEAE
21.	Acacia feregina	Bannimara	MIMOSAE
22.	Couravapita guinnensis	Nagalinga Pushpa	LEUPTHIDACEA
23.	Dombeye spectabilis	Maple Leaved Dombeye	MALVACEAE
24.	Hibiscus rosensis	China Rose	MALVACEAE
25.	Pelliforum ferruginionum	Copper Pad Tree	CAESALPINAE
26.	Partia biglandulosa	Partia	MIMOSAE
27.	Ficus religiosa	Peepal Tree	MORACEAE
28.	Ficus glomerata	Basarimara	MORACEAE
29.	Ficus elastica	Indian Rubber Plant	MORACEAE
30.	Ficus krishnae	Sacred Fig Tree	MORACEAE
31.	Ficus benzaonina	Weeping Fig	MORACEAE
32.	Podocarpus	Fern Pine	PODOCARPACEAE
33.	Thuja occidentalis	White Cedar	CUPRESSACEAE
34.	Cupressus	Cypress	CUPRESSACEAE
35.	Lamia furfura	Cardboard Cycad	LAMIACEAE
36.	Cycas revdecta	Sage Palm	CYACADACENAE
37.	Caryota urens	Toddy Palm	ARACACEAE
38.	Hyopherbs longicaulis	Bottle Palm	ARACACEAE
39.	Ravenella madagarensis	Trovellers Tree	ARACACEAE
40.	Holmskoildea sanguines	Cup And Saucer Plant	VERBEACEAE

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41.	Baugonvillea	Paper Flower Plant	XYLETAGINACEAE
42.	Tecomastans	Tecoma	BEGNONIACEAE
43.	Spathodia companulata	Spathodia	BEGNONIACEAE
44.	Millingtonia grandiflora	Akasha Mallige	BEGNONIACEAE
45.	Tectona grandis	Teak	VERBENACEA
46.	Dendrocalamus roting	Kirubidiree	POACEAE
47.	Sterilitzia reginae	Birds Paradise	MUSCACEAE
48.	Heliconia rostrats	False Birds of Paradise	MUSCACEAE
49.	Callistemen lanceolatus	Guava Tree	MYSTACEAE
50.	Calliandra haematocephala	Bottle Brush Tree	MYSTACEAE
51.	Enterolobium samar	Rain Tree	MIMOSAE
52.	Aegle marmelos	Holeda sawala	RUTOCEAE
53.	Legerstromia parviflora	Betta Konagille	LEPHTHROCEAE
54.	Dillinia indica	Blue Sky Flower	DILLININCEAE
55.	Thunbargia grandiflora	Bell Flower Tree	ACANTHACEAE
56.	Thevisis peruviana	Gante Hoovu	APOCYANACEAE
57.	Santatum album	Sandal Wood	SENTALACEAE
58.	Swetinia mahagony	Mahagony Tree	MELINACEAE
59.	Azadiirehelia indica	Neem Tree	OXLIACEAE
60.	Melia azadirehta	Hucchu Beevu	OXLIACEAE
61.	Lawsonia enermis	Henna	LYTHRACEAE
62.	Sapendus saponaria	Soap Nut	SAPINDACEAE
63.	Pongmia glabra	Honge	PEPLIONATE
64.	Dalbargia sissoo	Sisham Tree	PEPLIONATE
65.	Allamanda catherlica	Allamande	APOCYANACEAE
66.	Anthocaphalus cadamba	Cadamnba Tree	PUBIACEAE
67.	Sygizium cumini	Nerale	MYSTACEAE
68.	Schefflera arboricola	Umbrella Tree	ARALIACEAE

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69.	<i>Tethonia diversifolia</i>	Tree Marigold	COMPOSITAE
70.	<i>Kigolia pionata</i>	Sausage Tree	BIGNINIACEAE
71.	<i>Delonia regia</i>	Gulmohr	CAESALPINAE
72.	<i>Nyelantes arbor tristis</i>	Parijata	OLEACEAE
73.	<i>Pinus rouxburgie</i>	Pine Tree	PENACEAE
74.	<i>Malphigia globora</i>	Barbodos Cherry	MALPHIGIACEAE
75.	<i>Dalbergia latifolia</i>	Rose Wood	PAPILIONATAE
76.	<i>Butea frondosa</i>	Flame of Forest	PAPILIONATAE
77.	<i>Saraca indica</i>	Ashoka Tree	CAESALPINAE
78.	<i>Polyalthea longifolia</i>	False Ashoka Tree	ANNONACEAE
79.	<i>Eucalyptus indica</i>	Neelagiri	MYSTACEAE
80.	<i>Jacaron da mimosifolia</i>	Jacaranda	BIGNINIACEAE
81.	<i>Plumaria alba</i>	White Plumina	APOCYANACEA
82.	<i>Plumaria rubra</i>	Pink Flower	APOCYANACEA
83.	<i>Plumaria pudica</i>	Bridal Bouquet	APOCYANACEA
84.	<i>Muntigia calobura</i>	Muntingia	TELIACEAE


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Fauna

The fauna enumerations has been carried out in the campus is as follows:-

The major groups

MAMMALS	AVES	ARTHROPODS	ANNELIDA	REPTILES
Bat	Crow	Ant	Earthworms	Lizard
Cat	Eagle	Butterflies		Snake
Dog	Myna	Cockroach		Chameleon
Monkey	Owl	Centipede		
Rat	Pigeon	Drosophila		
Squirrel	Parrot	Housefly		
	Sparrow	Honeybee		
	Woodpecker	Millipede		
	Peacocks	Spiders		
	Tailor bird	Termites		
	King fisher			

The Biodiversity / Green Audit of Sahyadri Science college, Shivamogga has abundance in flora and fauna. A total of 2000+ Species of Herbs, Shrubs, Ornamental plants and Trees are identified by me and along with Eco-club members and Gardener is highly appreciated and many are highly medicinal in nature. The campus is a good dwelling place for many birds and few fauna.


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Waste Management

In nature we go behind many kinds of waste but in institutions, household and as well as public places we come across different kinds of solid waste, viz. Household waste, Plastic waste, Hotel waste, E –waste and few Organic waste dumped road side has led to various environmental crisis that is reflected in lack of respect towards nature. For this reason, SCC has adopted various solutions by implementing educational strategies that may help us in managing the waste to their organizing structures. Therefore it is not only about creating awareness in the college through education but it has to be transformed to the society in order to contribute for the improvement of quality life and environment of the people.

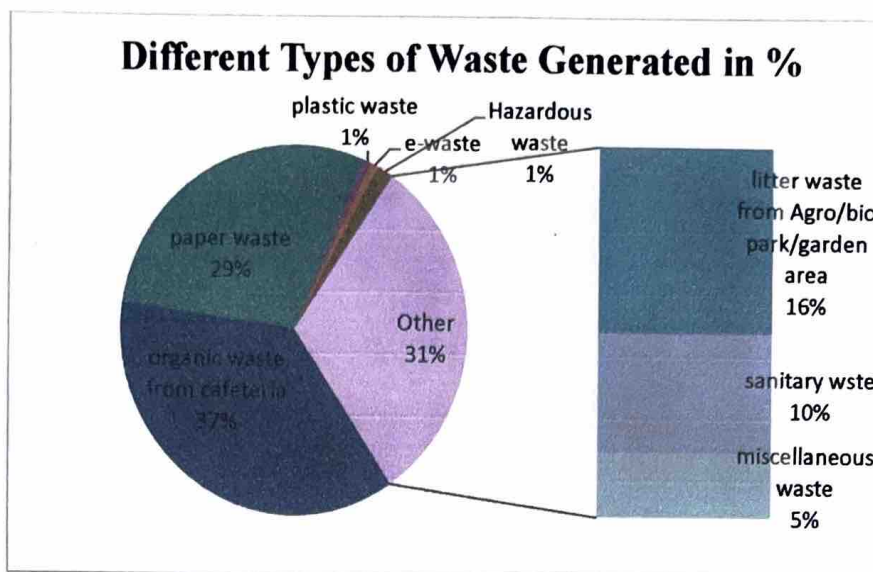
Solid waste generation and recycling over view

SCC has adopted 3 R's-Reduce, Reuse, and Recycle. And it generates a total waste of about 5.5tonnes/year approximately, of which 53% is organic in nature. Generally waste comes from cafeteria. & the paper waste generated is about 29% which is sent for recycling. The other waste such as the Municipal Solid Waste is very minimal and a very less e-waste is generated in the campus.

List of the following Waste generated in the Institution (College Campus)

SL.NO	TYPES OF WASTE	QUANTITY (Approximate.)
1.	Organic Waste from Cafeteria	168 Kgs/month
2.	Paper Waste	134 Kgs/month
3.	Plastic Waste	3.45 Kgs/month
4.	e-Waste	3.0 Kgs/month
5.	Hazardous Waste	7.125 Kgs/month
6.	Litter Waste from Garden area	72 Kgs/month
7.	Sanitary Waste	46Kgs /month
8.	Miscellaneous Wastes	25 Kgs/month


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Pie graph shows the Monthly Waste Generated in Percentage

Installation of waste bins

To ensure waste free campus to collect, sufficient numbers of waste bins are installed in the campus for appropriate collection on all the floors. Most of the organic waste generated for the cafeteria is sent to municipal waste collector.

Non hazardous solid waste is disposed through garbage truck on daily basis.

Campus sweep and cleaning

Sweeping is usually done every day by the stake holders in the process of campus cleaning which has not only helped in cleaning the campus and also in maintaining a clean and hygienic environment. In addition to this NSS and ECO CLUB members involve in cleaning the campus during weekends along with this the faculty, staff and students of each department help in cleaning the respective departments during Ayudha pooja festival.

E-waste

E-waste generated in the campus is collected by the Department of Computer Science and disposed using standard procedures in association with e-recyclers.

Red waste

Red waste (Sanitary napkins) in the campus and Hostel is disposed off using the Sanitary Napkin Destroyer installed at Girls hostel by grant from The Rotary Foundation of Rotary international.

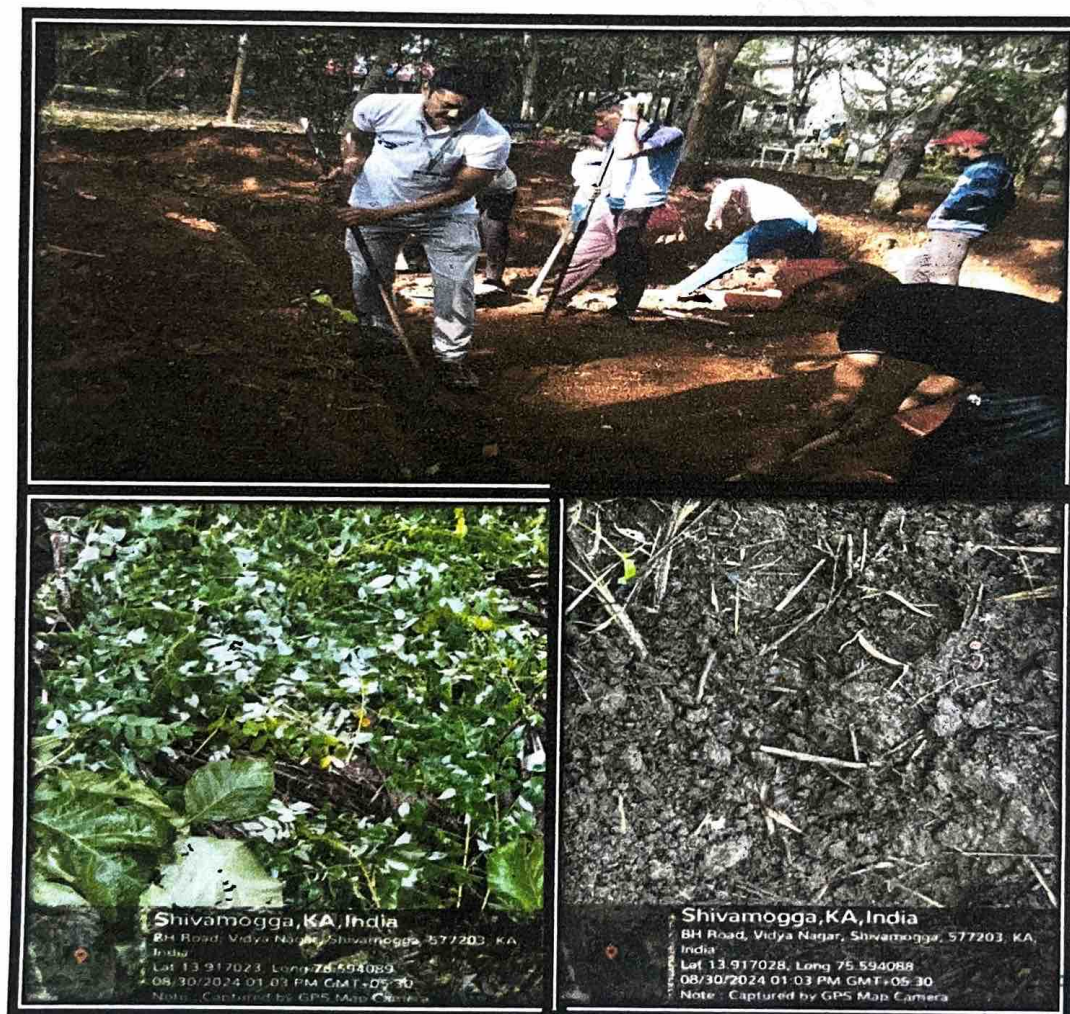
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Sanitary Napkin Destroyer

Vermi composting



Creating Vermi composting Pit and Vermicompost

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Water and Waste Water Management: Overview

We have only 3% of fresh water on the earth. So it's a resource of more importance to all living organisms including humans. So we have to conserve the water which is limited resource. In urban areas the lake beds and catchments area have been converted to layouts and apartment complexes; this has disturbed the urban hydrological balance. The problem becomes acute when there is no effort to recharge the ground water on one hand and the unrestricted exploitation of ground water by all. **"A Candle burning at both ends"**.

The urban terrain is mostly covered by roads and concrete houses, with very little possibility of rain water percolating into the ground. The slit chocked storm water drains are unable to handle the inflow of rain water, this lead to water logging on the roads due to heavy rains which damages the surface of the roads, which calls for expensive resurfacing every year.

"Uncertain rain is common, certain rain is rare. We have to be ready to harvest it whenever, wherever and whatever it rains"

In conserving water educational institutions have a major role to play in minimising water wastage and also in educating students, faculty and staff about the issues of water conservation.

Water usage- there are 16 water storage units fixed on the terrace of the institution.

Capacity of the tanks as follows:-

Cement underground tanks - 2 numbers each with a capacity of 10000 L.

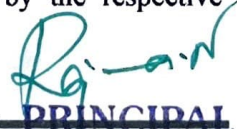
Sintex tanks

1. 2000L - 04 Numbers
2. 1000L - 14 Numbers

These tanks are meant to supply water to designated wings of the college in different floors respectively.

Waste –water

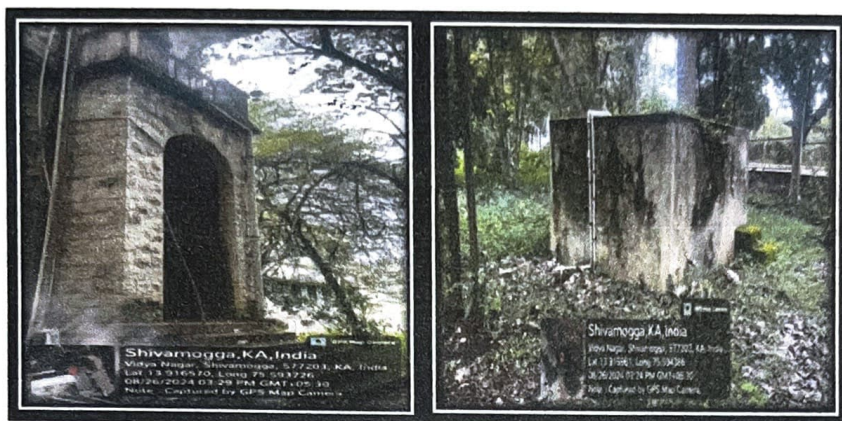
Waste water refers to the water discarded after use from the campus. Waste water includes sewerage from the college which includes lavatory, laboratories wash, staff room wash basin, canteen and other coming out of apparatus and ultimately going down the drain. There is a good drainage system well linked to the sewerage lane of the UGD of local Municipality. If any blockages are found occasionally it is attended by the respective authorities concerned.


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Safe Drinking Water

Water is one of the main reasons of many infectious diseases. To check this, the students and staff are provided with safe drinking water. RO water filters are fixed at various spots in the college.

Rain water Harvesting



Rain water Harvesting Structure


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Efforts for Carbon Neutrality

Proper measures have been taken to reduce carbon emission to keep the campus, pollution-free and uncontaminated. The city bus from various places have frequent connectivity to college is used by students and staff to avoid the use of individual vehicles. Car- pooling or share auto system is used by staff for transport and conveyance.

Tree Plantation

Planted saplings on World Environmental Day in the college premises on 05/06/2023



Plant saplings in the Campus

Beyond Campus Awareness Programmes

On 25/01/2023 Nirmala Tunga Abhiyana walk to create awareness to public to save Tunga River from Gajanur To Shivamogga.



Awareness walk to public to save Tunga River (Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

Rajin
PRINCIPAL

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SHIMOGA, Karnataka State.

On 30/01/2024 staff and students participated in Swatcha Bharath Abhiyana at MRS circle Shivamogga.



Clean drive at MRS Circle Shivamogga

Cotton Day

“Cotton Day”- every Wednesday, the students, staff and stakeholders wear cotton dresses.

We are open to all individuals and organizations to collaborate for strengthening the Environmental sustainability and eco-friendly technologies.


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FEED BACK : Satisfactory / Need to Improve

Recommendations

Following are some of the key recommendation for improving campus Environment:

1. Sufficient big waste bins are placed where essential (in classroom, near office etc) and monitored periodically.
2. College has to purchase recycled resources where they are both suitable and available.
3. At science laboratories large amount of water wasted during the process practical, design small water recycle system for science laboratory.
4. A frequent visit should be conducted to ensure that the generated waste is measured, monitored and recorded regularly in a ledger and information should make available from concerned staff.
5. The waste should be reused or recycled at maximum possible places.
6. Glass waste should be disposed properly and send it for recycle.
7. Reduce chemical wastes formation in chemistry laboratory. Adopt the principles of green chemistry to reduce chemical wastes.
8. A proper method of disposal / recycle to be followed for hazardous waste treatment.
9. Pipes, overhead tanks and plumbing system should be maintained properly to reduce leakages and wastages.
10. The College should develop internal procedures to ensure its compliances with environmental legislation and responsibility should be fixed to carry out it in practice.

DATE: 29-08-2024

Harisha K

SIGNATURE

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