



ಸಹ್ಯಾದ್ರಿ ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ-577 203

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಘಟಕ ಕಾಲೇಜು)

SAHYADRI SCIENCE COLLEGE, SHIMOGA-577 203

(A Constituent College of Kuvempu University)



Phone:08182-240435

Fax:08182-240138

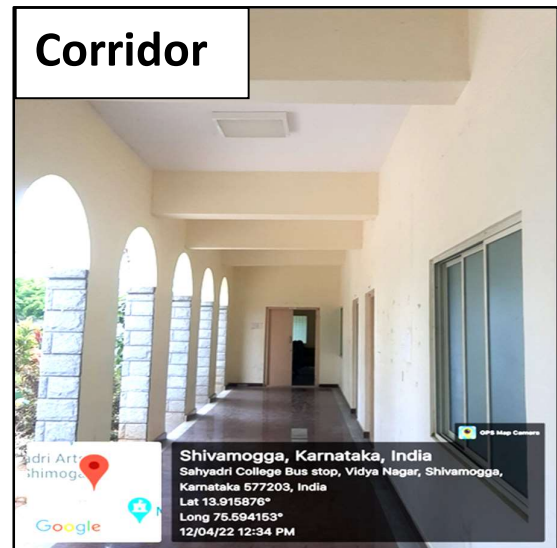
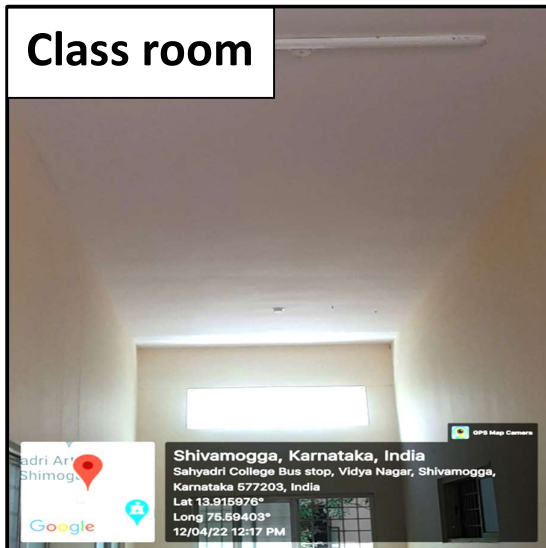
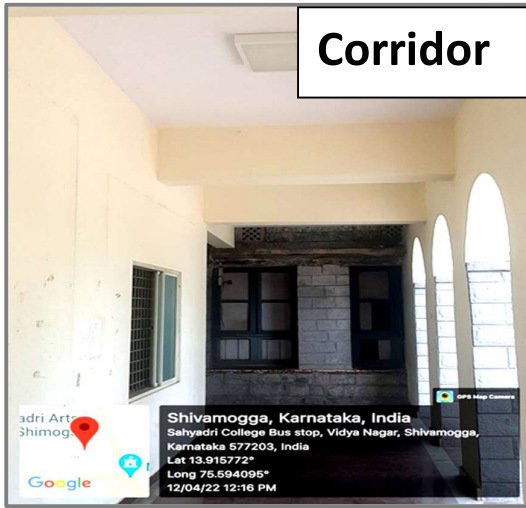
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In the Sahyadri science college campus has taken the following measures to ensure environmental consciousness and sustainability and Divyangang friendly initiatives.

I. Alternate Sources of energy and energy conservation measures

a) Use of LED Bulbs in the college Classroom/corridor





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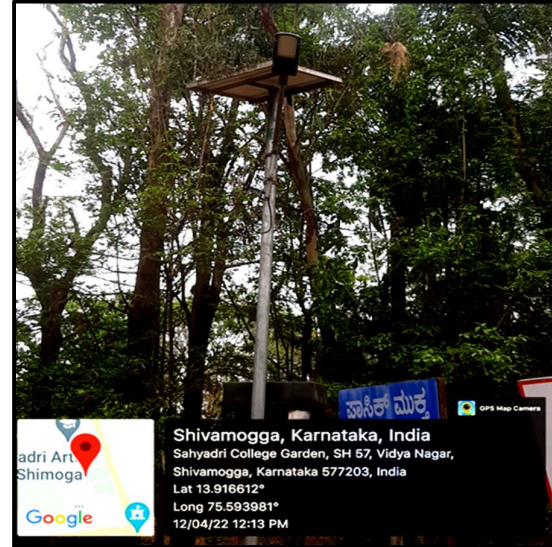
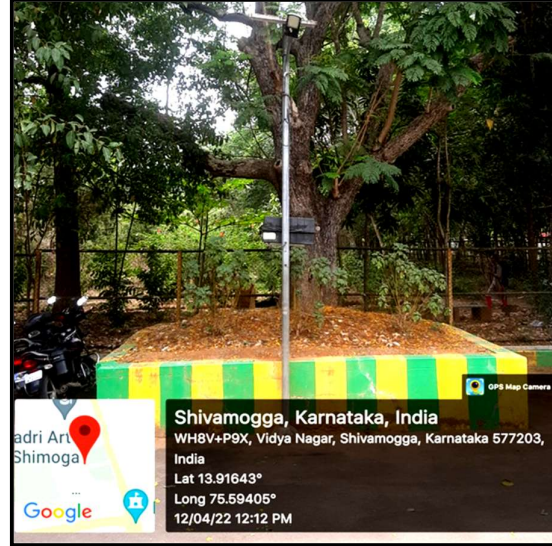
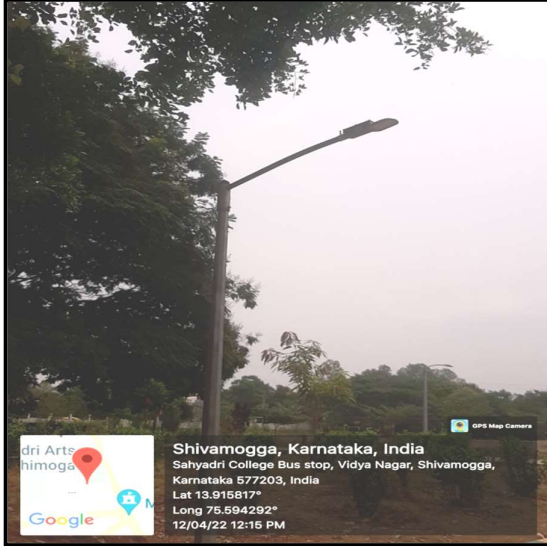
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b) Use of Solar powered LED Bulbs in the college premises





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II. Management of the various types of degradable and non-degradable waste

Sahyadri Science College has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside and handed over to appropriate agencies. The wastes generated in the campus include liquid waste and solid waste- both of biodegradable and non-biodegradable nature & chemical waste. No classified hazardous waste is generated in the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make campus clean, hygienic and healthy.

1. Solid waste Management

Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include, paper, plastics, metal cans etc. Biodegradable waste includes food waste, vegetable peels, leaves etc. 'Use and throw' items like plastic cups, plates etc. used in the college canteen are replaced by reusable items steel glasses and plates. Glass, paper and metal waste is sold for recyclers. Food waste and non-biodegradable waste are collected in separate bins. Biodegradable waste is disposed off in four dumping yards of size 3m x 3m x 2m, specially earmarked for the purpose.

2. Liquid waste Management

Liquid waste that is generated in the institute falls into three following categories.

- i. Septic tank effluents from various sanitary blocks, water used for washing and cleaning of utensils etc. from canteen.
- ii. Wastewater from laboratories using chemicals
- iii. Wastewater from RO plan.

As the college is located in un-sewered area, waste water generated from the sanitary facilities is disposed off into septic tanks located at different places in the campus and their effluents combined with canteen waste water is used for gardening, watering trees etc. The excess wastewater will be directed into natural drain passing near by the college campus. Waste water generated from the laboratories is very small in quantity; hence they are handled along with septic sewage.

The future vision of the college is to establish full-fledged sewage treatment plant for sewage treatment and recycling the same fully within the campus, thus achieving the goal of zero discharge campus.

Waste Management Materials



Dust bins for Dry and Wet waste Purpose



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SMC Collection dustbins



Incinerators for disposal of sanitary napkins



Sanitary Napkin Vending Machine



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III. WATER CONSERVATION:

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well-connected pipelines to the wells or is collected in the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge.



Rain Water collected from Roof top Carried through well connected Pipes

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 tanks each with a capacity of 10000L

Sintex tanks:-

1. 2000L - 06 Numbers

2. 1000L - 10 Numbers

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



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ಭಾರತ ಸರ್ಕಾರ
ಯುವ ವ್ಯವಹಾರ ಮತ್ತು ಕ್ರೀಡಾ ಸಚಿವಾಲಯ
ನಡೆದು ಯುವ ಕೇಂದ್ರ, ಶಿವಮೊಗ್ಗ
ವಾಗೂ
ಸಹ್ಯಾದ್ರಿ ವಿಜ್ಞಾನ ಕಾಲೇಜು, ರಾಷ್ಟ್ರೀಯ ಸೇವಾ ಆಯೋಜನೆ, ಶಿವಮೊಗ್ಗ
ಜಾಗೃತಿ ಯುವಕ ಸಂಘ, ಶಿವಮೊಗ್ಗ
ಇವರ ಸಂಯುಕ್ತವಿಜ್ಞಾನ

ಮಳೆನೀರು ಸಂರಕ್ಷಣೆ-2023-24
ಬೆಲ್ಲಾ ಮಟ್ಟದ ರಸಪ್ರಶ್ನೆ ಮತ್ತು ಚಿತ್ರಕಲಾ ಸ್ಪರ್ಧಾ ಕಾರ್ಯಕ್ರಮ
CATCH THE RAIN-III
Where it falls, When it falls
District Level Quiz & Drawing/Painting Competition

ವಿಷಯ:
ಮಳೆನೀರು ಸಂರಕ್ಷಣೆ ಮತ್ತು ನೀರಿನ ಸಂರಕ್ಷಣೆ

Theme:
Catch the Rain, where it falls, when it falls
Rain water Harvesting & Water Conservation

ದಿನಾಂಕ : ದಿನಾಂಕ: 02-06-2023
ಸ್ಥಳ : ಸಹ್ಯಾದ್ರಿ ವಿಜ್ಞಾನ ಕಾಲೇಜು, (ಪಾರ್ಲಿಮೆಂಟ್ ಸಭಾಂಗಣ) ಶಿವಮೊಗ್ಗ

ನಿಯಮಗಳು
ಒಟ್ಟು 15 ರಿಂದ 19 ವರ್ಷದವರೇ
ಉತ್ತಮ ಶೈಲಿಯಲ್ಲಿ ಒಂದು ನಿರ್ದಿಷ್ಟ ವಿಷಯ ಬರೆಯಬೇಕು
(ಉದಾಹರಣೆ: ಮಳೆನೀರು ಸಂರಕ್ಷಣೆ ಮತ್ತು ನೀರಿನ ಸಂರಕ್ಷಣೆ)
ಪ್ರತಿ ವಿದ್ಯಾರ್ಥಿಯು 15 ರಿಂದ 20 ನಿಮಿಷಗಳಲ್ಲಿ ಉತ್ತರಿಸಬೇಕು.
ವಿಜ್ಞಾನ ಮತ್ತು ಕಲಾ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿಗಳು, ಉತ್ತಮ ಶೈಲಿಯಲ್ಲಿ
ಮತ್ತು ಸುಯೋಜಿತವಾಗಿ ಚಿತ್ರಿಸಬೇಕು. ಉತ್ತಮ ಶೈಲಿಯಲ್ಲಿ
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ಮತ್ತು ಸುಯೋಜಿತವಾಗಿ ಚಿತ್ರಿಸಬೇಕು.

ನೋಂದಣಿ ಮಾಹಿತಿಗಾಗಿ ಕೊನೆಯ ದಿನಾಂಕ
01-06-2023
ನೋಂದಣಿ QR ಕೋಡ್ ಸ್ಕ್ಯಾನ್ ಮಾಡಿ

ವಿಜ್ಞಾನ
ಅಲಭ್ಯತೆ
ಮತ್ತು
ನೀರಿನ ಸಂರಕ್ಷಣೆ

ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ಸಂಪರ್ಕಿಸಿ: 7975443499

GPS Map Camera
Shivamogga, Karnataka, India
WH8V+4JF, Vidya Nagar, Shivamogga,
Karnataka 577203, India
26/06/23 11:39 AM GMT +05:30
Note : Captured by GPS Map Camera
13
26.97° C
276° W
11.0 μT

Campus has organised district level quiz & Drawing/Painting Competition Regarding Rain Water Harvesting



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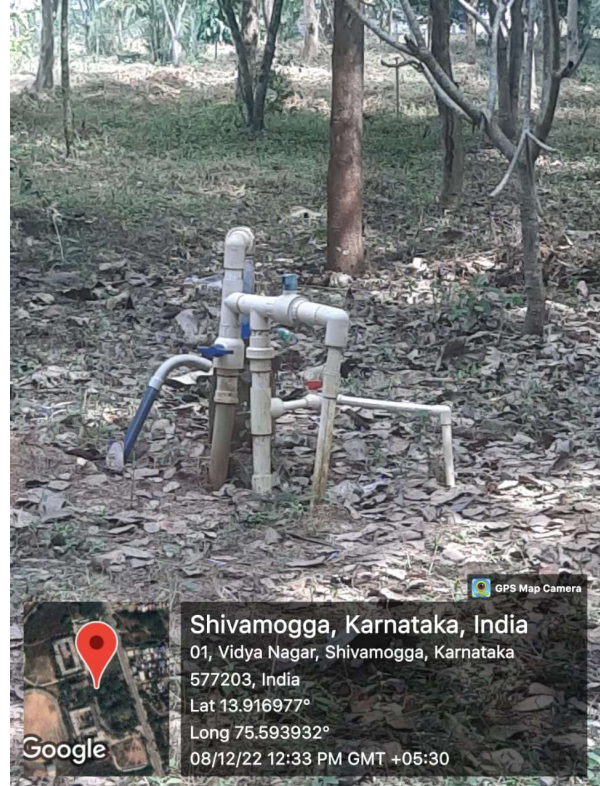
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Borewell /Open well recharge

Sahyadri Science College contains 2 Borewells.



Bore well 1



Bore Well 2



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Usage Of 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. Wastewater discharged as effluent from septic tank and canteen wastewater are used for gardening, watering of trees etc.



Sprinklers



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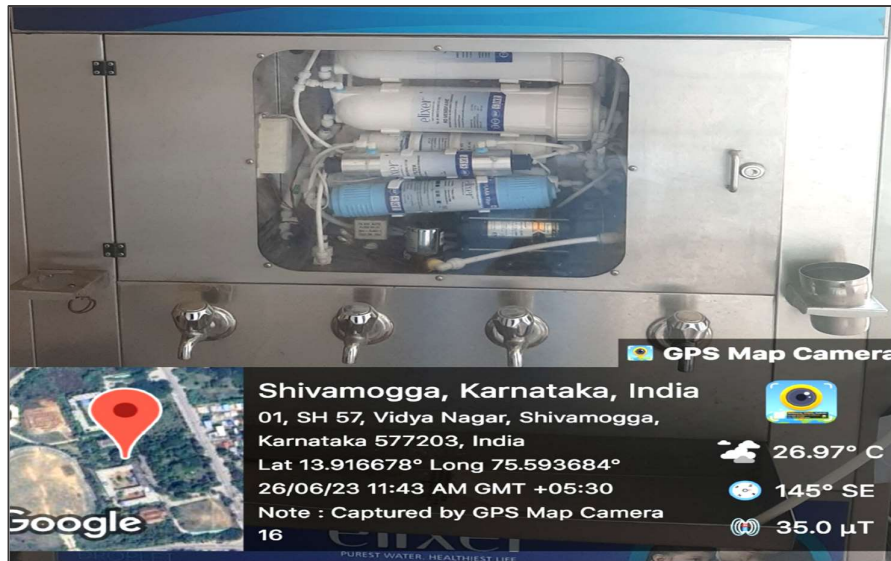
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Maintenance of Water Bodies and Distribution System

In the Campus for the drinking water, a separate pipeline is installed. In addition, R.O. water purification plants have been installed at the required places in the college campus for healthy and pure drinking water for the staff and the students. Regular maintenance of the R.O plants is ensured by making servicing/repair whenever required. The water for all other purposes is supplied through another set of distribution pipes. The college has two wells with ample water. The ground water from the wells is pumped into the storage tanks / elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network. Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through Leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently. A proper care is also taken to keep the Rooftops cleaned so that unnecessary garbage does not mix with the rainwater leading towards the well. The inlets of these tanks is controlled by the ball-valves to avoid water overflows.

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.



RO Water Purifier has been installed in the Campus



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V. DISABLED-FRIENDLY, BARRIER FREE ENVIRONMENT

Institute policy towards the disable people

1. Physical infrastructure including buildings, furniture's, facilities and services in building and campus are barrier free.
2. No personal shall be discriminated on the ground of disability
3. Right to equality and right to confidentiality of information are protected
4. Appropriate assistive tools are provided to short out their problems.

Ramp in the college premises

