

SUMMARY SHEET

Criteria-7: Institutional Values and Best Practices

Metric No. and type	Description	Weightage
7.1.2, QnM	Institution facilities and initiatives	20

The institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water Conservation
4. Green campus initiatives
5. Disabled- friendly, Barrier free environment


Response: All of the above

The HEI claims that the institute is committed to the conservation of energy, waste management, water conservation, green campus initiatives and created disabled friendly environment. Following are the measures taken by the institute for the claim.

1. Alternate Sources of Energy and Energy conservation measures

Solar Power Plant: 125 KW solar power plant established in the institute and as a result, the institute could save an average of 13,000 Kilowatt-hour electricity in a calendar month with Rs. 1,00,000 savings in electricity bill . The energy generated will be utilized for the institute purpose during working days and getting transferred to the grid on Sundays and holidays.

Usage of energy efficient lights and fans: In hostel blocks, 18 street lights, the 300 existing fluorescent lights are changed to 9-W LED lights. Around 300 LED lights


Principal

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(A Unit of Shri Sode Vadiraja Mutt Education Trust*, Udupi)

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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



energy consumption per day is 60 units which is 108 units using fluorescent lights considering 10hrs usage. The existing 180 fans were changed to BLDC (Brushless Direct Current) fans which are energy efficient than the previously used fans. The energy consumption by 180 normal fans is around 126 units per day and by BLDC fan is 63 units considering 10hrs usage. Energy conservation practices, such as switching off lights and the electrical appliances when not required, are encouraged. Faculty and students are encouraged to use EV and CNG vehicles.

Energy literacy programs: Energy literacy certification course conducted by Energy Swaraj foundation was completed by the students, faculty and staff of SMVITM. The certification course created the awareness among 750 SMVITM. The institute got Silver certification for making 500+ members energy literates.

2. Water Conservation

Rain water harvesting: The institute require an average of 50KLD water for the campus inmates. During the peak monsoon, i.e. from June to August every year, the institute hardly pump the water from the bore well/open well. Instead, the filtered and clean rain water stored in the sump is the source of water. Also, the water from the rain drains is allowed to be absorbed by letting it 2 wells in the campus, out of these, the one near the dining hall exclusively to drain the rain water.

Treatment Plant: The institution is equipped with a 125 KLD capacity Sewage Treatment Plant (STP) operating 24 hours a day. The treated water is used for flushing purpose in hostel washrooms and for gardening purpose. The method adopted does the waste water recycling and reuse.

Neoperl water saving aerators/regulators: The institute has adopted the Neoperl water saving regulators which is need of the hour to save water by reducing water

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consumption and avoiding water wastage. It is the innovative and cost-effective solutions to save water. It is 60 percent effective in saving the water than the normal tap system.

3. Waste Management

Waste Management: The efficient waste management practice of the institute includes reduced use of papers, proper disposal of e-waste; plastic free campus and efficient way of managing food waste. Minimized use of paper has been ensured by sending circulars and notifications through email. The admission process and filling of examination form is completely online. Academic processes like feedback collection, progress report etc are made paperless. Administrative activities like leave processing, examination duty allotment are being carried out through Management Information System (MIS) without any scope for the use of papers. The e-waste generated is collected and handed over to the certified vendor. Awareness about hazardous nature of plastic is created among students and staff through talks, street plays. Cleaning drives are also conducted within and outside the campus with social concern. Sufficient numbers of garbage bins are placed in strategic locations to collect any plastic waste which is brought into the college and will be given to authorized plastic recycling unit. The food waste is sent to nearby piggery and compost.

4. Green Campus Initiatives

Landscaping: The College has a lush green campus having a wide variety of flowering plants and trees. More than 100 varieties of rare species of trees are planted inside the campus. Green Audit is carried out in the campus to understand the further scope for improvement in environmental issues. During every graduation day, branch toppers plant a sapling each and are well maintained, which carries their names, as a token of memory.



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Saplings are planted by every prominent personality visiting our campus during various occasions. Sandal wood sampling is done by Swamiji during annual day

Education on Green Campus initiatives: The Environment Club, EV club and NSS unit of SMVITM is conducting workshop on paper pen making for the students. The club/unit also conducted sessions on plastic ban, water treatment plant in schools and colleges. Every year, students celebrate World Environment Day and conduct seminars.

5. Disabled – friendly, barrier free environment

Disabled friendly barrier free pathway: Barrier free pathway is provided in each of the department for the easy conveyance of disabled people. The lift is provided in the admin block.

Disabled friendly washrooms: Disabled friendly washrooms are provided for girls and boys.

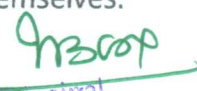
Wheel chair and sick room: Wheel chair and sick room is available in the sick room which can be utilized by the disabled students.

Disabled friendly website: The college website is provided with disabled friendly web tab which can be used by vision impaired people.

Siri Software: The Siri software which is user friendly software provided in all the labs which can be used by the vision impaired students. The link of the same is provided in the college website.

Scribe facility: Scribe facility is available in the college and few students have utilized the facility when they were not able to write the exam by themselves.

The HEI is claiming for all the above


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Supporting Documents

SL No	Description	Link
1	Report on Energy Conservation Measures	View Document
2	Details on Waste Management	View Document
3	Report on Sewage Treatment Plant	View Document
4	Rain water Harvesting & water conservation	View Document
5	Green campus initiatives	View Document
6	Details on disabled friendly environment	View Document
7	Restricted entry to automobiles	View Document

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