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യൂ ട്യൂബ് : THE TREE DOCTOR

REPORT OF GREEN/ENERGY/WATER AUDIT

EVALUATION 2021-22

I GREEN AUDIT

• ECO-FRIENDLINESS OF THE COLLEGE

The college is surrounded by lot of evergreen and deciduous trees, shrubs and herbs. It is commendable that college is giving due importance in maintaining existing medicinal herbs and rare trees. It is a joy to note that the college promotes eco-friendly initiatives for the conservation and extension of its biodiversity. The college promotes eco-friendly activities like bio-farming, vegetable garden containing murraya plants, goose-berry trees, banana etc. in the campus. It is pleasure to note that departments are continuing the curry leaf garden, bamboo garden and small-scale vegetable garden in the campus. Similar to last year, NSS unit of the college indulged actively in environment related programs. Students of NSS actively participated in cleaning campus as a part of 'Clean India' program. Further, NSS maintains the two-compost pit which was created a couple of years back as a part of 'Clean Campus Green Campus' initiative.

• ECO-CONSCIOUSNESS OF THE STAFF.

The principal, the teaching and non-teaching staff are enthusiastically involved in environment related issues. They actively indulge in eco-friendly activities along with students who are interested. It deserves to be highlighted here that teachers and students have conducted in-depth study on biodiversity of fungus of the campus and the work was communicated to Scopus indexed journal "Mycosphere". It is commendable that the college has taken initiative to plant more tree saplings to compensate the loss of habitat



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II WASTE MANAGEMENT AUDIT

- **BIO-WASTE MANAGEMENT.**

The college canteen has a bio-gas unit where the bio-waste of the campus is utilized for the formation of the bio-gas.

- **PLASTIC WASTE MANAGEMENT**

Under Akshatha-the best practice, college practices and maintains a plastic free campus. It is appreciable that college has tie up with Harithakarmasena unit of Vazhoor panchayat for the collection of unwanted/used plastics from campus. Also, setting waste bins for the separate collection of plastic and organic waste is a good initiative.

- **E-WASTE MANAGEMENT.**

It is appreciable that departments have conducted awareness programs on e-waste such as e-waste segregation etc.

III ENERGY AUDIT

- **ENERGY EFFICIENT LIGHTING**

College has energy efficient LED bulbs and equipments and instruments.

- **ALTERNATE ENERGY SOURCES.**

It is a pleasure to note that the College has a solar energy unit and bio-gas unit for harnessing alternate energy.



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due to the construction of new building. Annual maintenance is done to keep the natural pond clean which is the perennial water source for the campus.

- **ECO-FRIENDLY FORUMS IN THE CAMPUS**

It is commendable that Nature Club, NSS unit and departments are conducting bio-farming and ensuring environment protection in the campus. Further, clubs and departments are found to be actively indulged in conducting programs of environmental importance. Programs such as Ozone day celebration, world environment day celebration, mobile photographic competition and Audio video visualization of birds of Western Ghats on National Bird Watching Day are commendable and praise worthy.

- **ECO-FRIENDLY ACTIVITIES IN THE CAMPUS**

The college observes various days like world environment day which promote environmental consciousness among students. Another program which is worth mentioning is MOOC course which is an initiative by Mahatma Gandhi University, a compulsory course for UG students. Its syllabus is strictly based on eco-friendly activities such as organic farming, organic manure making etc. Departments also gives training for paper bag making as an alternative for plastic bags.

- **AWARENESS PROGRAMMES IN THE CAMPUS**

Departments, IQAC etc celebrated days associated with ozone day, world environment day, e-waste awareness etc. A three day national seminar on Ecology and sustainability was also conducted.



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IV WATER AUDIT

- RAIN WATER HARVEST

It is commendable that the College has a rain-water harvesting system with a capacity of 1 lakh liters. The water so collected is utilized for cleaning and farming purposes.

V ENVIRONMENT AUDIT

- POLLUTANT EMISSIONS IN THE CAMPUS

There are no pollutant emissions in the campus.

REPORT:

The audit team finds that the eco-consciousness and eco-friendly activities of the institution are very good.

RECOMMENDATIONS:

1. The collaboration of college with Harithakarmasena unit of Vazhoor panchayat for the collection of unwanted/used plastics from campus is appreciable. Also, campus has programs like Akshatha-one of the best practice is followed through out the year to maintain the campus plastic free. Though the these programs are successful, but still, we recommend conducting more awareness classes and programs for students and local public so as to bring down the plastic usage at the fundamental level.\



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2. College needs to conduct more awareness classes on e-waste and form tie-up with other organizations so as to find an effective way for the reuse or proper disposal of e-waste.

Binu.k

Convener of the Audit Team