

GREEN AUDIT REPORT

2021-22

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)
(Affiliated to Shivaji University, Kolhapur)
NAAC Accredited with 'A' Grade, with CGPA 2.34,
College With Potential For Excellence (CPE), ISO 9001: 2015



Certified by
Mr. Manohar Shivthare Mr. Vijay Sawant
(MS Enviro Pollution Control Services & Consultant)

On behalf of Institute
Mr. A.S.Kadam Mr. S.G.Bhosale
2021-22



" प्रदूषण हटवा, पर्यावरण वाचवा "

MS ENVIRO
POLLUTION CONTROL SERVICES & CONSULTANT
Reg. No. UDYAM-MH-30-0002061

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Ref. No:-909(A)

Date: 02-03-2022

CERTIFICATE

This to certify that,

the Green Audit Report of Vivekanand College, Kolhapur (Autonomous)

has been prepared and certified by the MS Enviro Pollution Control Services

& Consultant based on the documents produced by the college.

Date:

Place:

Thanking you,

Yours faithfully,

MS ENVIRO
POLLUTION CONTROL SERVICES & CONSULTANT
Manohar
Proprietor



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Chapter 1 Introduction

1.1 About College:

Vivekanand College, Kolhapur which was established in 1964 is known as one of the best quality colleges in Maharashtra. The U.G.C. granted autonomy to this college from the academic year 2018-19. About 8000 students are enrolled every year for various programmes. Besides the conventional programmes like B.A., B.Com. and B.Sc., the college offers the professional programmes like B.B.A., B.C.A., B.C.S., B.Sc. (Biotechnology), B.Sc. Microbiology, B.Voc., Community College and M. B. A. The college also provides opportunity to undertake degrees like B.A., B.Com., B. Sc., B. Lib., M. Lib. and M.B.A. of YCMOU, Nashik.

Dr. Bapuji Salunkhe alias Govindrao Dnyanojirao Salunkhe, the great visionary educationalist founded Shri Swami Vivekanand Shikshan Sanstha, Kolhapur in 1954 which is catering the education needs of students belonging to 11 districts of the State of Maharashtra. The college has also acquired reputation in the fields of dance, drama, music, other arts and sports, besides academics. The college has won the „Meghnath Nageshkar Trophy“ of Shivaji University for the Best College in the field of Sports for eleven years continuously. The college has also proved its talent in the field of cultural activities by winning General Championship in the Central Youth Festival of the university for seven consecutive years.

Considering the strengths of the college, the NAAC, Bangalore has reaccredited the college with „A“ Grade. The college is identified twice as the “College with Potential for Excellence” by the UGC, and included in “The Star College Scheme” by the DBT, Govt. of India. The college has always focused on co-curricular activities along with academic programmes. Students and faculty members participated in various social and environmental awareness programmes like Tree plantation, No Vehicle Day, Cleanliness Activities and other cultural activities.

1.2 Vision of the College:

Vivekanand College will be an educational center devoted to the dissemination of “**Education for Knowledge, Science and Culture.**”

1.3 Mission of the College:

Mission of the college is to strive hard to realize the vision of our founder Dr. Bapuji Salunkhe i.e. to make education accessible to the masses, and to mold responsible citizens by inculcating noble values and a thirst for knowledge.

1.4 Goals and Objectives of the College:

1. To provide equal opportunity of quality education to all by means of sheer hard work, dedication and devotion.
2. To promote scientific attitude and inculcate cultural values into the students.
3. To enhance the commitment of faculty, staff and students towards diversity, social

- justice, truth, honesty, character and democratic citizenship.
4. To aim at overall personality development through various activities.
 5. To provide a platform to develop skills necessary to grab new opportunities and face challenges in the ever-changing society.
 6. To provide a substantive, supportive, safe, affordable and accessible teaching-learning environment.
 7. To motivate the teachers and students to attain community and social development through various activities.

The vision and mission statements of the college are clearly indicative of the objectives of the National Policy on Education demanding that centers of higher education should perform multiple roles like creating new knowledge, acquiring new capabilities and producing an intelligent human resource pool, through teaching, research and extension activities. The college plans and executes its curricular, co-curricular and extracurricular activities to translate the vision and mission statements into reality.

1.5 Motto of the Vivekanand College, Kolhapur:

“Dnyan Vidnyan ani Susanskar Yasathi Shikshan Prasar” (The spread of education is with a view to diffusing knowledge, science and bud breeding) is the motto of the sanstha. Bapuji defines “dnyan as the knowledge of truth, character, integrity, demolition of the exploitative tendencies, service and dedication. “Vidnyan consists in the application of the aforesaid principles to life which, in turn will lead to good breeding.

1.6 Environmental Policy:

Vivekanand College is aimed at balancing environmental protection and the conservation of natural resources with other policy goals, such as affordable energy, air and drinking water quality monitoring, rainwater harvesting. Green Campus Committee of the college has established clean and green campus with awareness and protection and in fulfilling sustainable development goals set forth to implement environmental policies given by government from time to time.

Table : Name and Address of the Institution:

Name	Shri Swami Vivekanand Shikshan Sanshtha’s Vivekanand College, Kolhapur Affiliated to Shivaji University Kolhapur, Autonomous, NAAC Accredited with „A“ Grade, with CGPA 2.34, College With Potential For Excellence (CPE), ISO 9001- 2015
Address	2130, E Ward, Tarabai Park, Kolhapur, Maharashtra 416003
City	Kolhapur
E. Mail	info@Vivekanandcollege.org
Website	http://www.Vivekanandcollege.org

Location:

Location	Urban
Campus area	7.0 Acre
Built up area in sq. mts.	4775.63

Coordinates: 160 42`17” N 740 13`44.9” E

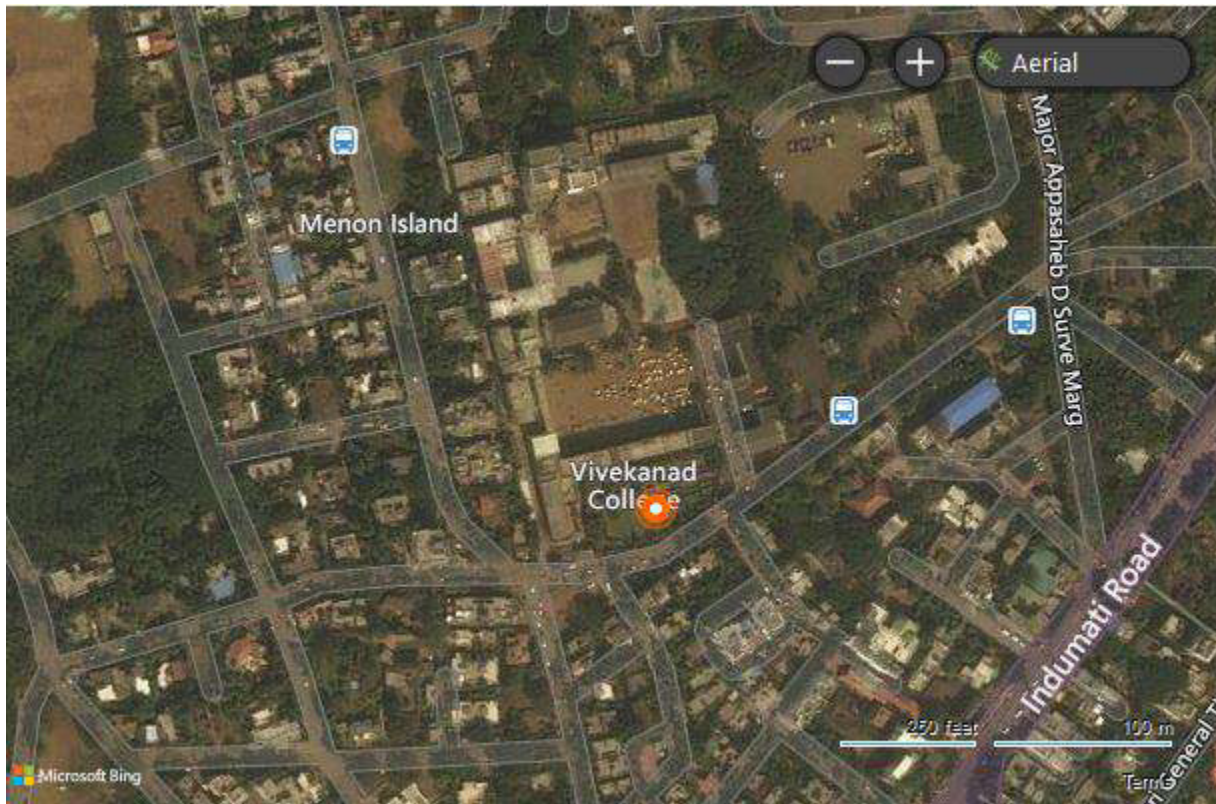


Plate No.01: The Google Earth Image of the Vivekanand College, Kolhapur

Chapter 2 Green Audit

2.1 Conceptual Framework:

Earth is the only planet in the universe to sustain life because of its environment. No life can exist without suitable environment and so no human being. Increasing population, civilization, industrialization and urbanization on the earth have brought this environment under the great pressure. India is a developing country and adapting science and technology for its progression. There is improvement in the life style but on the other side it is creating exploitation of the environment. Luxurious life style is becoming environmental risk which may render it unsuitable for future generation. Generally, every constituents of our society is responsible for environment crises and it is the duty of each of us to strive hard for its conservation. If we start with ourselves, it will definitely create a positive benchmark of the success in the journey of environment protection. Green audit is the prime solution of this scenario.

Green audit is the tool of management system used methodologically for protection and conservation of the environment. It is also used for the sustenance of the environment. The green audit was first implemented in the United States in the early 1970s by some companies in commensuration with Clean Air and Clean Water Act. By realizing the need of responsibility towards environment, NAAC, an autonomous body under UGC has added the concept of environmental audit in accreditation methodologies of universities and colleges.

2.2 Objectives of Green Audit:

- To implement *Go green* policy for Environment Management in the campus.
- To identify opportunities to save and conserve energy.
- To see that proper steps have been taken to maintain sustainability and to prevent adverse effects of Air, Water, Noise and Solid Waste pollution on environment.
- To reduce, recycle, reuse waste and dispose waste scientifically under 5 R principles of Solid Waste Management.
- To see that proper steps have been taken for maintaining health and welfare of the students and staff of the Vivekanand College, Kolhapur.

2.3 Implementation of the Environmental Policy:

Vivekanand College is aimed at balancing environmental protection and the conservation of natural resources with other policy goals, such as affordable energy, air and drinking water quality monitoring, rainwater harvesting. Green Campus Committee of the college has established clean and green campus with awareness and protection and in fulfilling environmental goals and sustainable development goals set forth to implement environmental policies given by government from time to time. NSS and NCC students are frontiers and other students and staff members are supporting the implementation of the environmental policy.

2.4 Environment Awareness Activities:

2.4.1 Tree plantation in college campus:

To make people aware about importance of tree in the economy of the nature and human lives, students and staff of Vivekanand College, Kolhapur takes efforts for plantation of trees. Trees increase aesthetic value and scenery of an area.



Plate No. 2 Tree plantation in college campus

2.4.2 Plastic awareness in campus:



Plate:3 Boards regarding Plastic awareness

2.4.3 Guest lecture on Forest Day:

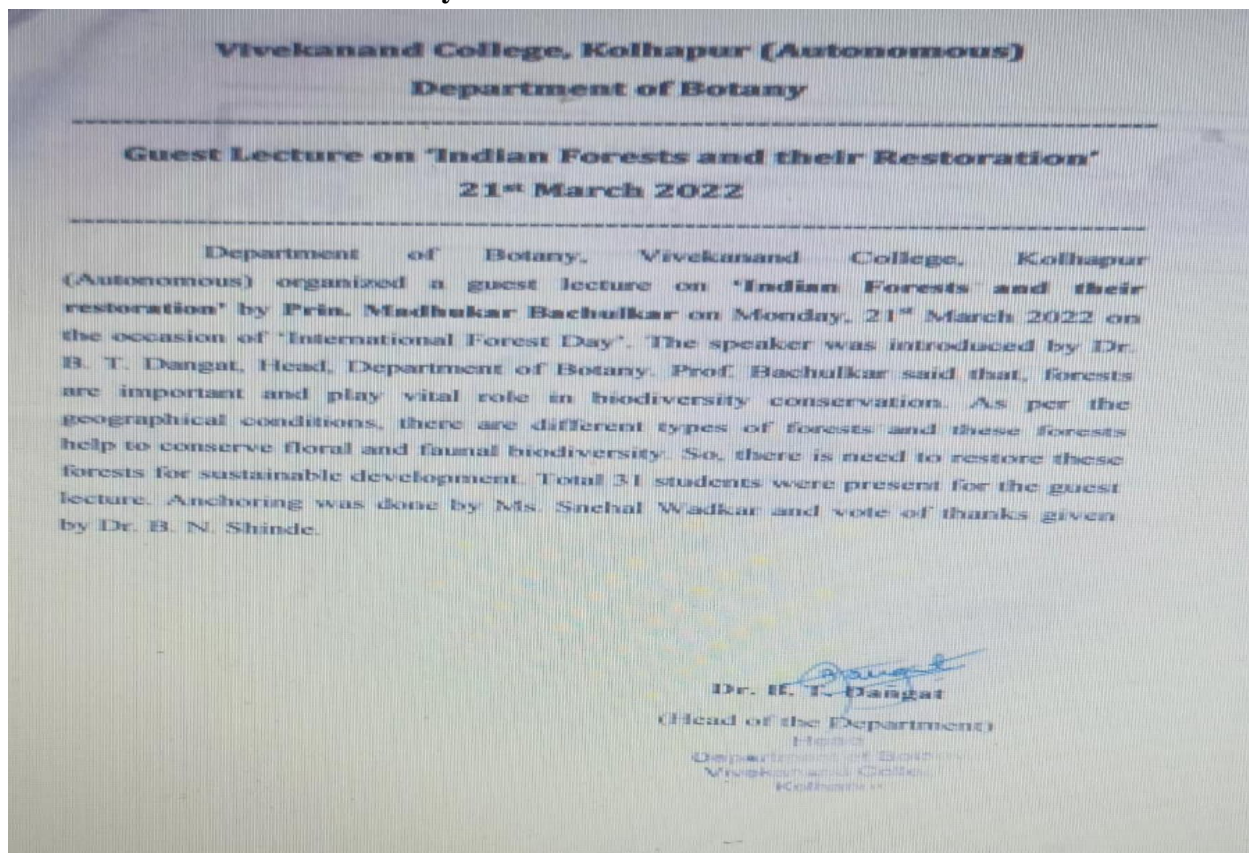


Plate No. 4 Guest lecture on Forest Day

2.4.4 Kisan Din:

The Kisan Din celebrated on 23rd December by students of Vivekanand college at Kotoli Tal. Panhala. Students prepared 'Jeevamrut' and the bottles of 'Jeevamrut' distributed to the farmers of Kotoli village.

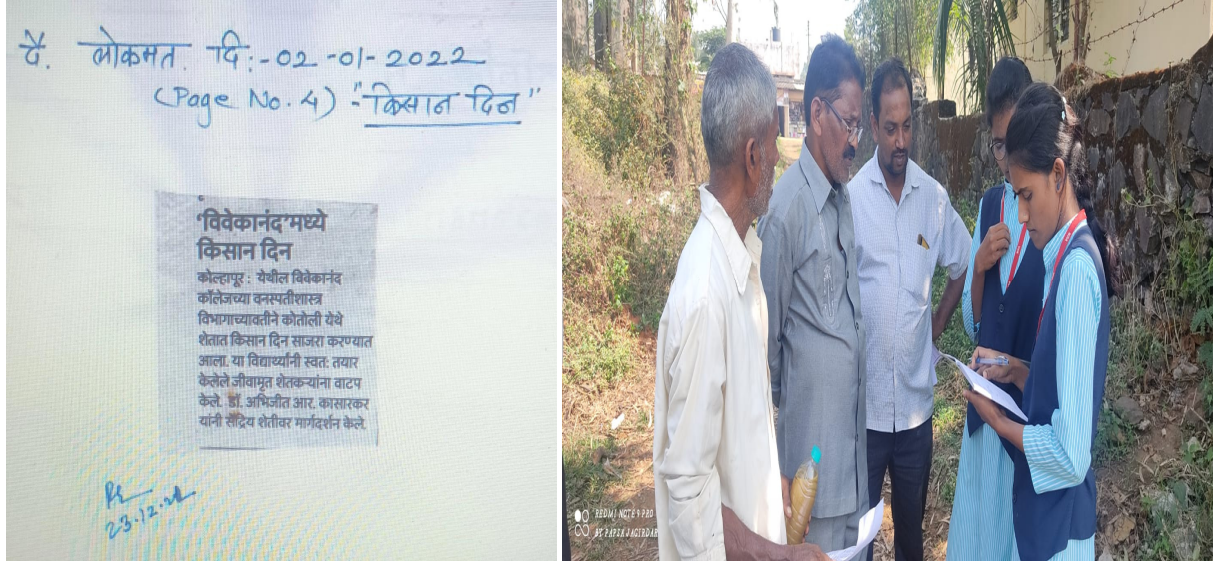


Plate No.5 Kisan Din at Kotoli Tal: Panhala

2.4.4 Selfie point inauguration:

This is launched to give students more knowledge about growing and cultivating plants, fill them with excitement and raise their awareness of protecting trees as well as the environment.

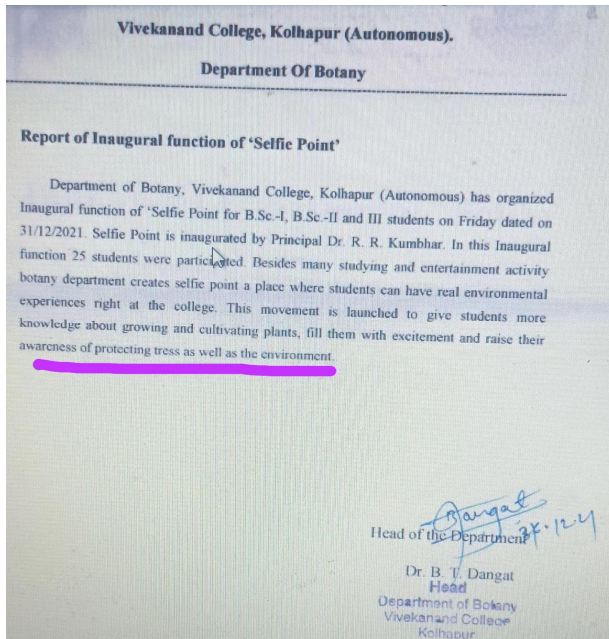


Plate No.6: Inauguration of selfie point

Chapter 3 Best Environmental Practices

3.1 Best from the Waste:

Department of Botany, Vivekanand College (Autonomous) has organized exhibition on 'Best from Waste' on 5th April, 2022, to promote the skills of students and to create awareness about recycling of the waste material for the production of useful products. In this exhibition 235 students were involved with their own handcrafted models, which were prepared from waste material.





Plate No. 7 Best from the Waste Exhibition

3.2 Pollution free river Panchganga campaign:

As Panchganga river water pollution is one of the most important issue in the Kolhapur, regarding this continuous work is to be done. By considering this, college always supports the activities related to this and continuously participating in the campaign. To create awareness among people, communities, businesses and governments about Panchganga pollution, Govt. of Maharashtra and Kolhapur Municipal Corporation organizes environmental awareness programs on 22nd April, 2022 at Panchganga ghat.



Plate No.8 Pollution free Panchganga river Campaign

Chapter 5

Summary, Conclusion and Recommendations

Summary:

Green Audit is one of the important tool to check the balance of natural resources and its judicial use. Green auditing is the process of identifying and determining whether institutional practices are eco-friendly and sustainable. It is a process of regular identification, quantification, documenting, reporting and monitoring of environmentally important components in a specified area. The MS Enviro, Diskal, Satara has conducted a “Energy Audit” of Vivekanand College, Kolhapur in the academic year 2021-22. The main objective to carry out green audit is to check the green practices followed by college and to conduct a well defined audit report to understand whether the college is on the track of sustainable development.

After completing the audit procedure of college for green practices, there are following conclusions and recommendations which can be followed by college in future for keeping campus environment friendly.

Conclusion:

From the green audit following are some of the conclusions:

1. Activities carried out in college campus are very useful to create awareness.
2. Best from Waste activity is proving to be more useful in reducing the waste material and to promote the recycling of the waste.
3. On Farmer day, distribution of ‘Jeevamrut’ is an unique activity done by the college, which has given the students training of preparation and field work experience.
4. Tree Plantation Drives are organized regularly.

Recommendations:

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

1. Plant Ownership Program should be initiated – Several Trees should be planted and owned by visitors as well as students. The names of such visitors / students should also be displayed near the plants.
2. An environmental policy document has to be prepared with all the recommendations and current practice carried by college.
3. Rules to protect the environment needs to be prominently displayed and are available on the college website.