

Shri Shivaji Education Society, Vidyanagar, Karad's
Board for Higher Education, Vidyanagar, Karad's
Yashwantrao Chavan College of Science, Karad,
Dist. Satara (MH), India-415 124



Criterion VII

Institutional Values and Best Practices

Key Indicator – 7.1

Institutional Values and Social Responsibilities

7.1.3 Clean and Green Campus Initiatives



Time: 09-01-2023 16:12
Note: Plantation



Latitude: 17.50911
Longitude: 74.78967
Elevation: 585 211.11 m
Accuracy: 24.6 m
Time: 06-12-2022 09:40
Note: NCA Garden cleaning



7.1.3 Clean and Green Campus Initiatives

➤ **Title:** Clean and Green campus initiatives

➤ **Objectives:**

- To separate wet and dry waste in campus.
- To create awareness regarding plantation and restoration of green layer among students and localities.
- To make a plan against serious environmental problems such as global warming with the help of our superpowers i.e. Youth.
- To implement actual solutions for global warming and environmental degradation.
- To focus on indigenous and keystone species plantation.
- Proper utilization of organic waste (Degradable waste).
- To maintain proper record of plants in campus with the help of QR codes.

College best practice “Flora Fauna for Future” beneficial to Clean and Green Campus Initiative.

➤ **The Context:**

Cleanliness and green campus are two most vital objectives which go hand in hand. Just like we maintain clean home to feel fresh, like wise our goal is to feel fresh in campus too. This is possible only if we contribute in both equally.

Plants are one of the most beautiful creations of the god. They help us to live our lives better. Plants provide us all for our betterment without any own outcome. Therefore, it is important to save the scenic beauty of our earth. Therefore, it is our job to maintain clean and green campus.

This practices is been implemented in collaboration with-

- ❖ Eco-club
- ❖ NSS
- ❖ Green club

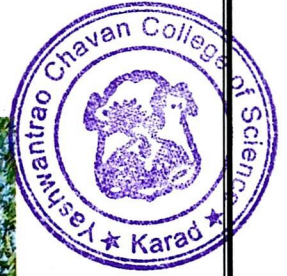
➤ **The Practice:**

1. Plantation drive

College is actively engaged in plantation since its opening. The best proof we can show is our green campus. Time to time plantation activities are arranged and organized by organizing committees. Campus is full of plants which include medicinal and endemic plants too. We not only focus on flowering plants but also focus on non-flowering (3 *Pinus sp.* & 1 *Gnetum sp.* is conserved in botanical garden of the college). Mentioned plants are not that easy to grow in such environmental conditions.

Plantation Activity in Campus

Date: 05/06/2023



16 : 31 : 42

05-06-2023 Monday

YC College of Science
Plantation World Environment Day
Verified by Marki

Marki



Time: 09-01-2023 16:12
Note: Plantation

Processed by NoteCam

Date: 09/01/2023

2. Spreading Awareness

We conduct awareness programs for regarding nature restoration and conservation. We arrange workshops, poster presentations, model making and rangoli competitions.

Guest Lecture on “Conservation of Forest Wealth”



Date: 20/02/2019

Signboard Spreading Awareness



Date: 14/01/2022

Awareness through "Poster Presentation" on National Science Day



Date: 28/02/2023

Celebrating Raksha Bandhan with Plants



Powered by NozCam

Date: 11/08/2022

3. Degradable waste management

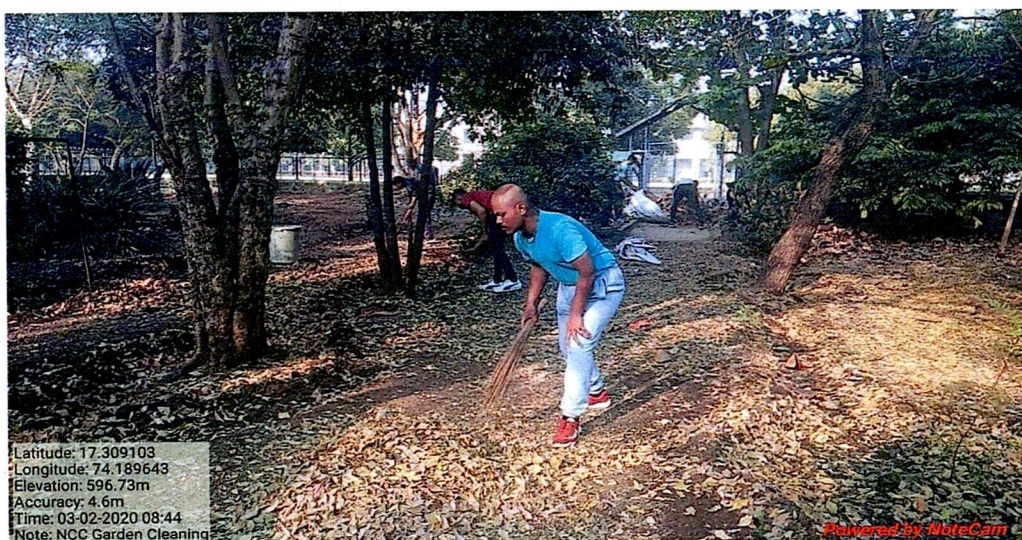
Canteen leftover and plant-based waste is properly managed in campus itself. Plant based waste includes dried leaves, twigs, fallen fruits etc. All the waste is collected by our NCC/NSS candidates time to time to maintain clean campus. Collected waste is further separated into degradable and non-degradable waste. Degradable waste is managed in campus.

Botanical Garden Cleaning by NCC



Date: 06/12/2022

Botanical Garden Cleaning by NCC candidates



Date: 03/02/2020



4. Vermicomposting

College runs an add-on course to train students in vermicomposting. Campus botanical garden has a separate vermicomposting unit in which students prepare vermicompost from wet & dry organic waste collected in campus. Prepared compost is utilized in plants in campus rather than using chemical fertilizers.

Vermicomposting



Date: 19/01/2022

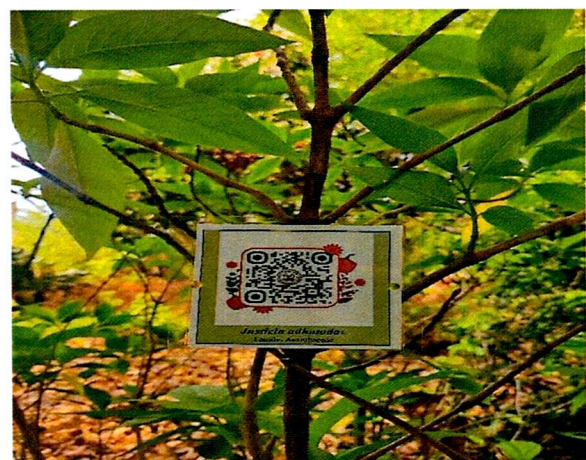
5. QR Codes

Each and every plant species of the campus is tagged with a QR code to track the record and retrieve the information. Rather than wasting our resources we used technology to build small codes for plants. This directly reduced the cost of flex or plated which used to be attached near plants. QR codes get updated time to time according to updation in taxonomy of the plant.

QR Code



Date: 14/01/2022

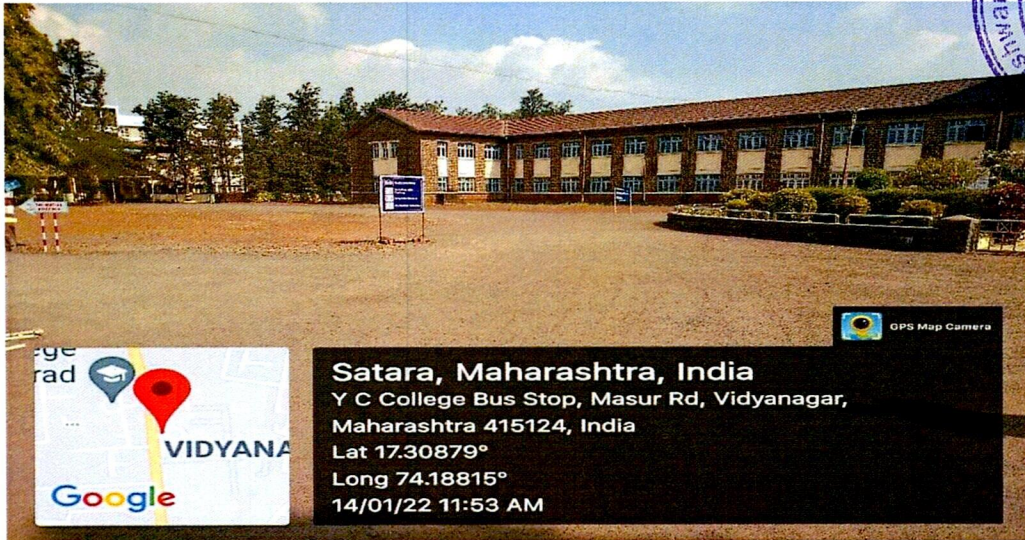


Date: 14/01/2022

6. No Vehicle Day

Institute follows No Vehicle Day on each Sunday. No vehicle is not allowed to enter in college campus to follow the initiative.

Restricted Entry of Vehicles



Date: 14/01/2022

7. Promote electric vehicles

Electric vehicles are future of world to tackle non renewable sources of energy. Institute always promote eco-friendly ways to make awareness amongst students and staff. Sign boards play an important role in awareness.

Benefits of Electric Vehicles



Date: 13/01/2022

8. Encourage Bicycle in campus

College encourages students to use renewable and convenient sources of transportation. Campus area has a separate bicycle parking.

Bicycle in Campus



Date: 15/02/2023

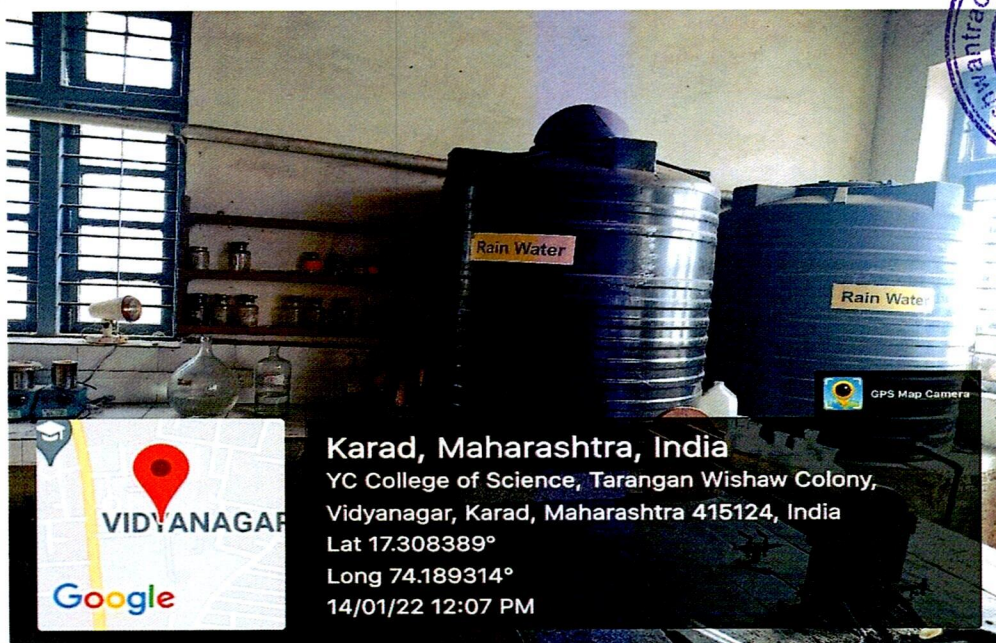


Date: 19/09/2022

9. Rain water harvesting

The entire campus to the east is walled in to prevent rainwater from flowing from west to east due to the natural slope, even if no 'Check dams' in the traditional sense have been built on the campus. By allowing the blocked water to seep underground, the groundwater table is refilled. Additionally, the open areas in front of the laboratories have been walled in, and the rainwater gathered there is channelized to an open well adjacent at the botanical garden (on the eastern side of the building), from where it is used to irrigate the campus's grounds through drainage pipes.

Rainwater Harvesting



10. Tobacco Free Campus

Institute policy is strict and must be followed, one among it is prohibition of tobacco and tobacco related products. Tobacco is totally banned in the campus premises and adjoining area of the campus. Sign board is placed on the main entry of the college building.

Tobacco Free Sign Board



Date: 13/01/2022

Co-ordinator,
Internal Quality Assurance Cell (IQAC),
Yashwantrao Chavan College
of Science, Karad

Principal
Yashwantrao Chavan College of Science, Karad

