

SOPHIA SMT. MANORAMA DEVI SOMANI COLLEGE

7.1.3. Clean and Green Campus Initiatives, Beyond the Campus Environment Promotion Activities, and a Prize for Creating Awareness on Environment (Photographs and web-links are included in the document)

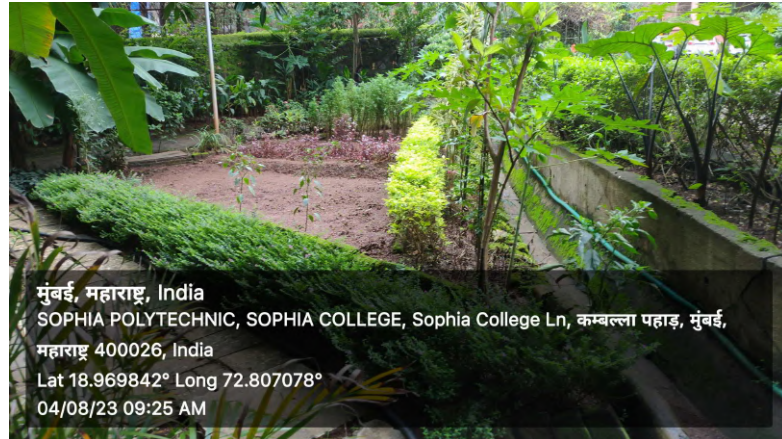
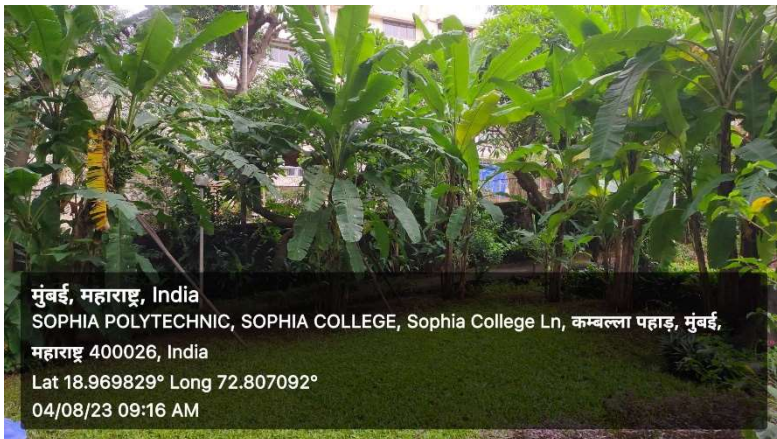
CLEAN AND GREEN CAMPUS

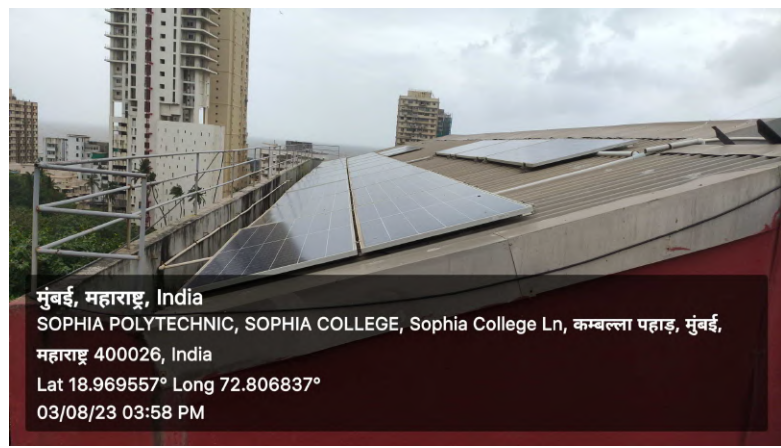
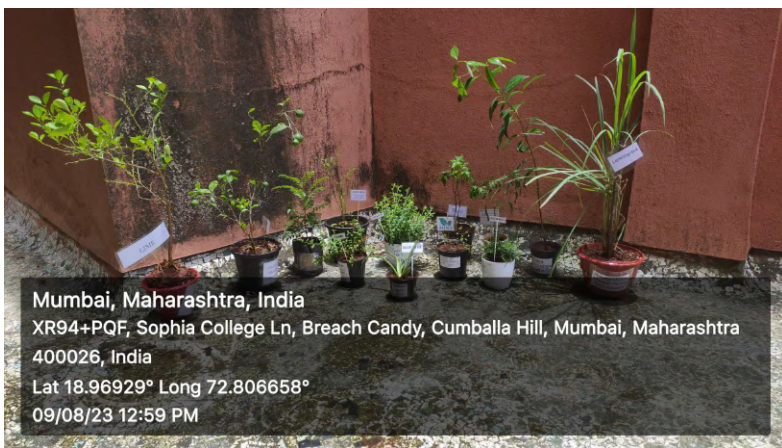
As mentioned earlier in this SSR, our College is set within a spacious and green campus with large lawns, gardens of flowering plants, fruiting trees, a vegetable patch, a small herbal garden etc. The campus is not only green, but it is also very clean and so is the College. The campus gardens are maintained by four gardeners. The College is kept meticulously clean by our support staff.

Action Taken Report of the Clean and Green Campus Initiatives

- During the past five years a number of fruiting trees / plants such as bananas, papayas and guava have been planted in our College garden which is near the main entrance gate of the campus.
- A small vegetable patch has been created within the College garden.
- Some medicinal plants have been planted in a small section of the College garden.
- The Hospitality Studies Department has set up a small terrace herbal garden for kitchen herbs which is maintained by the students
- In 2019, solar panels to generate electricity for Sophia Smt. Manorama Devi Somani College and Sophia Bhabha Hall were set up through the initiative of the College Principal, Dr. (Sr.) Anila Verghese, who obtained sponsorship for these from IndusInd Bank / CERE.
- The segregation of wet and dry garbage is undertaken.
- A composter was installed to compost wet garbage.
- The Municipal van comes daily to collect dry garbage; plastic and paper waste is given to a rag picker for recycling
- Metal and wood waste is given to a recycler

Photos of fruiting trees, vegetable patch, terrace herbal garden, solar panels





Achievement Report of the Clean and Green Campus Initiatives

- Bananas grown in our College garden have been supplied to the college hostel from time to time
- Papayas which are produced by the papaya plants in our garden are distributed.
- Vegetables produced (e.g. pumpkin, green leafy vegetable, ginger and green chillies etc.) are given to hostel kitchen
- Since the installation of a composter which recycles wet waste into manure, the College has cut down on the procurement of manure from outside agencies because the manure produced by the composter is used in the College garden.
- The installation of solar panels has greatly reduced our electricity bills.
- The herbs produced in the small herbal terrace garden are used in the HAFT laboratories for the students' cookery practicals.
- Students and staff are made aware of the importance of environmental promotion activities by participating in and seeing these clean and green initiatives.
- The clean and green spaces of our college campus provide a healthy and welcome space for students, staff and all who visit our campus because in a city like Mumbai such spaces are rare.



Handing over fruit and vegetable to hostel kitchen

ENVIRONMENT PROMOTION ACTIVITIES BEYOND THE CAMPUS

Environment promotion activities beyond the campus are mainly done by the SCM department through the SCM Student Output that focuses on environmental issues. The SCM students interact and work with various NGOs or groups working for environment promotion and protection and then they make documentaries / broadcast features highlighting the work done by these NGOs and groups.

Moreover the SCM student output on environmental promotion is made available to the public (by web-links that are provided on YouTube etc.) as an open resource for generating awareness on environment issues.

The SCM Student Output of the past five years that are Environment Promotion Activities beyond the Campus includes the following:

- A Broadcast Feature done by SCM student in 2019-2020 entitled ‘Let’s Clean-up’ was on the Citizens’ Initiative to clean up the Dadar Beach. The web-link for this broadcast feature which is available to the public is as follows:

<https://youtu.be/EJOY-FyhrYI>

SCM students in Dadar Beach documenting the beach cleaning initiative



- The following Broadcast Features were done by the SCM students in 2021-2022 on various issues in Mumbai relating to the environment and sustainability:
 - ‘BEST goes Green’: on how the BEST bus service, which is the main bus service of Mumbai city and suburbs, has decided to take a step to curb vehicular pollution by introducing electric vehicles. SCM students interacted with the BEST staff in order to produce this broadcast feature. The web-link for this broadcast feature which is available to the public is as follows: https://youtu.be/_yD8qGWXOSk

SCM students interacting with BEST staff and in a BEST electric bus



- ‘Miyawaki Phenomena’: This Broadcast Feature focuses on an innovative method of afforestation known as the Miyawaki method. The SCM students worked closely with the team engaged in this method of creating small forest patches in restricted spaces. The web-link for this broadcast feature which is available to the public is as follows: https://youtu.be/YHUghBg_jnA

SCM students in a Miyawaki afforested area documenting this phenomenon



- ‘Mumbai’s In-between Parks’: The feature covers Mumbai’s open spaces that are being revamped into parks by citizen groups. This move is welcome in a city with very little space to build new parks and leisure spaces, and comes after years of campaigning. The web-link for this broadcast feature which is available to the public is as follows: <https://youtu.be/sFAzT8QB084>

SCM students with citizens who created ‘In-Between Parks’ in Mumbai



- ‘Mangroves in Danger’: The mangroves in and around Mumbai are under threat of destruction majorly from the poor solid waste disposal practices in the city. This might lead to this ecosystem being destroyed forever. Also, mangroves are the ‘lungs’ of a city like Mumbai. But there is good news in the form of conservation efforts being taken up to protect the mangroves of the city. The web-link for this broadcast feature which is available to the public is as follows: <https://youtu.be/Cz7ePgkqE0Y>

SCM students in a mangrove that is under threat





Snapshot from Brihanmumbai Municipal Corporation official Instagram Account

The 'Miyawaki Phenomenon' and 'Mumbai In-Between Parks' Broadcast Features, produced by students of the SCM Department, were selected for CMSVATAVARAN Urban Climate Film Festival 2023 Organized by the Nation Institute of Urban Affairs (NIUA), India

In addition, SCM students have gone for rice transplantation with the Cooperative of Organic Farmers of India (COFI) at Kamshet on the following dates:

In 2017-18, on 8th July 2017



In 2018-19, on 7th July 2018



In 2019-2020, on 6th July 2019



AWARD / PRIZE FOR ENVIRONMENTAL PROMOTION ACTIVITY:

The Maharashtra Pollution Board gave a cash prize of Rs. 50,000/- in June 2017 to an SCM documentary, 'Save the Sparrow'. This documentary was made in a previous year, but was judged in a competition and awarded the third prize in 2017. This documentary highlighted the dangerous effects of environmental pollution on Mumbai city's bird population, especially the sparrow.

