



7.1.3

Quality audits on environment and energy regularly undertaken by the Institution.



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7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following:

- 1. Green audit / Environment audit**
- 2. Energy audit**
- 3. Clean and green campus initiatives**
- 4. Beyond the campus environmental promotion activities**

7.1.3 Quality Audits on Environment and Energy Regularly undertaken by the institution

The goal of St. Wilfred College of Arts, Commerce, and Science is to maintain the highest levels of energy efficiency and environmental sustainability on campus. The institution conducts routine quality audits in these areas to make sure that these requirements are upheld.

An extensive evaluation of the institution's environmental performance, including its effects on waste management, energy consumption, and the quality of the air and water, is provided by the environmental quality audit. A group of specialists carrying out this audit assess the organization's adherence to industry best practices and environmental laws. The audit findings are used to pinpoint areas in need of development and to create plans for lessening the environmental impact of the organization.

Regular energy audits are also conducted by St. Wilfred College of Arts, Commerce, and Science in addition to the environmental quality audit. The purpose of these audits is to find ways to lower energy expenses and increase energy efficiency on campus. In addition to evaluating the effectiveness of the institution's energy systems and equipment, the audits usually include a thorough investigation of the energy usage patterns of the organization. The institution creates an energy management plan that specifies certain steps to be taken to lower energy use and expenses based on the audit's findings.

Additionally, the organization consistently tracks and reports on its energy and environmental performance. This involves monitoring its energy use, waste production, water use, and greenhouse gas emissions. The information gathered is utilized to spot patterns, establish goals, and monitor advancement toward attaining sustainability objectives.



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St. Wilfred College of Arts, Commerce, and Science are dedicated to on-going advancements in energy efficiency and environmental sustainability. The facility can see areas for improvement and take proactive measures to lessen its environmental impact and increase its energy efficiency thanks to frequent quality audits, continuous monitoring, and reporting.



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1. Green Audit & Environment Audit

Elion Technologies & Consulting Pvt Ltd Certificate

This is to certify that Green Audit at St. Wilfred College of Arts, Commerce and Science, Old Mumbai-Pune Highway, near Panvel Toll Plaza, Panvel, Shedung, Maharashtra – 410206 was carried out for the year 2024 - 25.

College has submitted necessary data and credentials for scrutiny. The activities and measures carried out by the college have been verified. The efforts taken by the college towards environment and sustainability is highly appreciated and commendable.

Audit Date – 17/01/2024
Valid Up to – 16/01/2025


Audit Officer

Certificate Number
GA/2024/SWCACS

Elion Technologies & Consulting Pvt Ltd Certificate

This is to certify that Environment Audit at St. Wilfred College of Arts, Commerce and Science, Old Mumbai-Pune Highway, near Panvel Toll Plaza, Panvel, Shedung, Maharashtra - 410206 was carried out for the year 2024 - 25.

Campus has submitted necessary data and credentials for scrutiny. The college has ample amount of greenery and plantation which helps in maintaining the good quality air all around the campus and also helps in preventing soil erosion. Water harvesting is also present in the campus.

Audit Date – 17/01/2024
Valid Up to – 16/01/2025


Audit Officer

Certificate Number
ENV/2024/SWCACS




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2. Energy Audit

Elion Technologies & Consulting Pvt Ltd

Certificate

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It is found that sustainable measure are taken by the campus in reduction in energy consumption. Several measures are taken by college management for promoting energy efficiency. In-house solar power plant is also installed.

Audit Date – 17/01/2024
Valid Up to – 16/01/2025


Audit Officer

Certificate Number
EA/2024/SWCACS



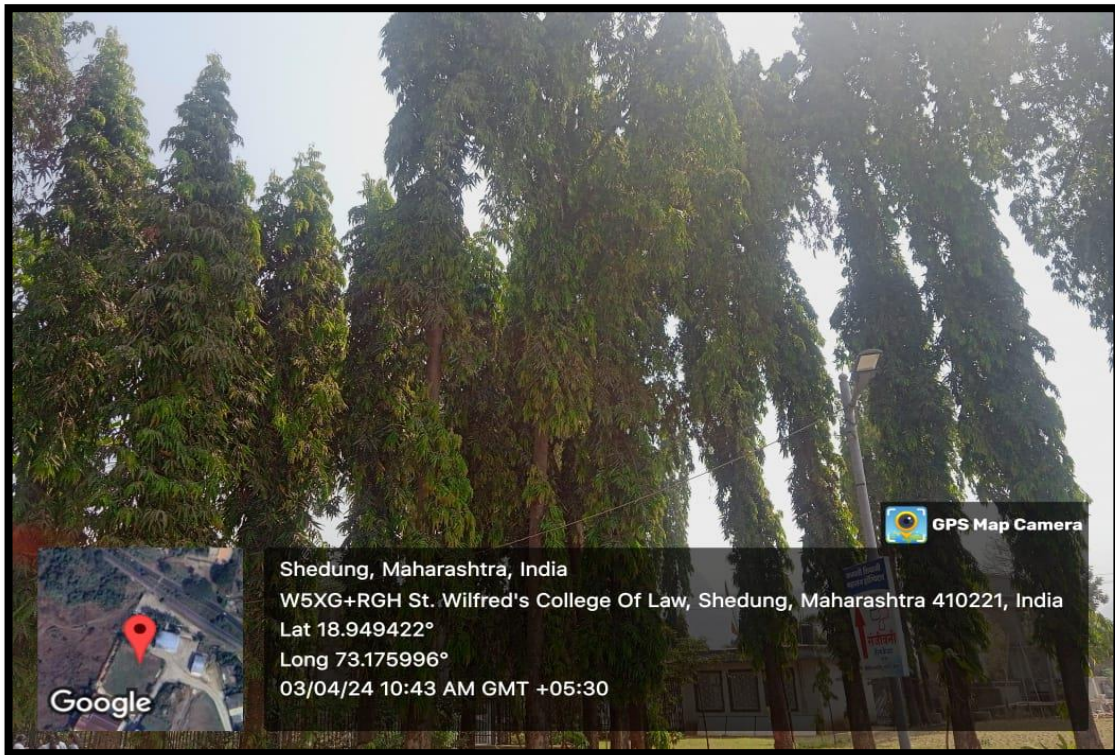

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3. Clean and Green campus initiatives

Snapshots Depicting Specific Facilities for Green Campus Initiatives Landscaping Trees and Plants in College Campus



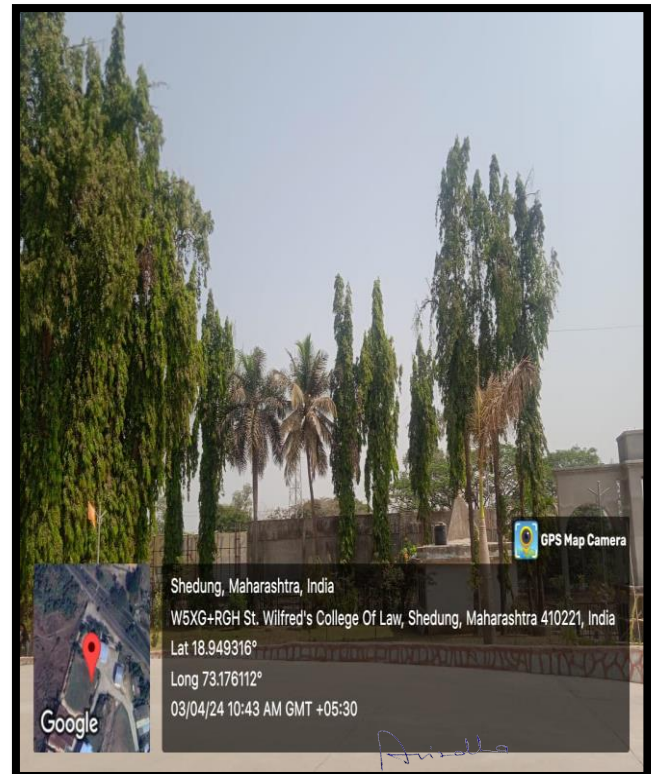
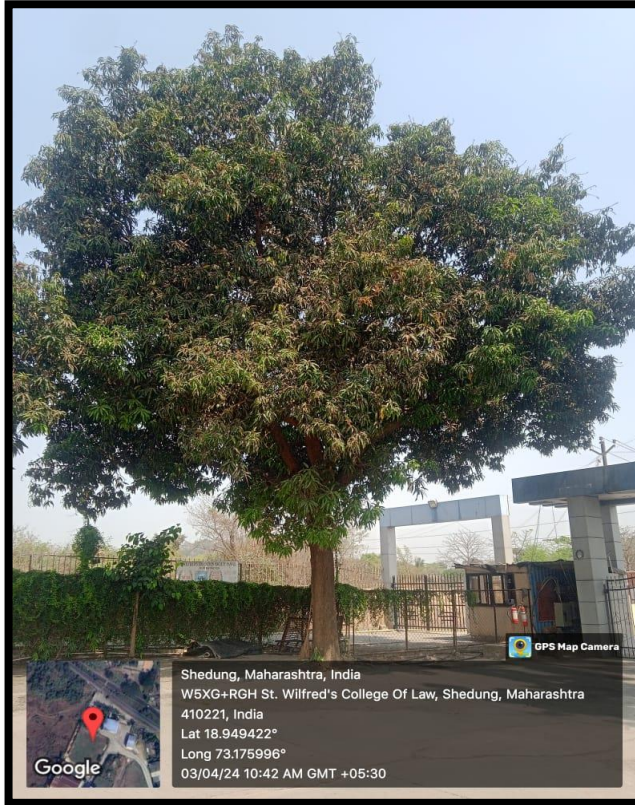
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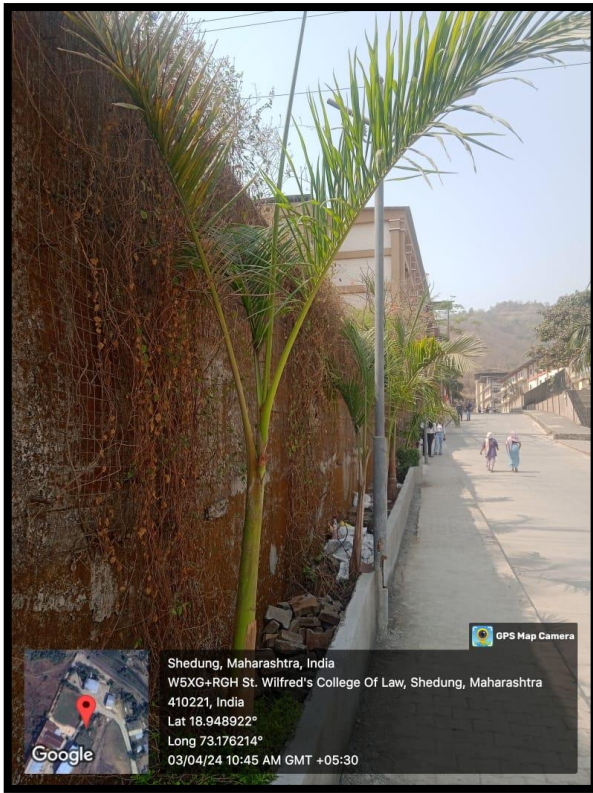


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Outer View of the College



[Signature]
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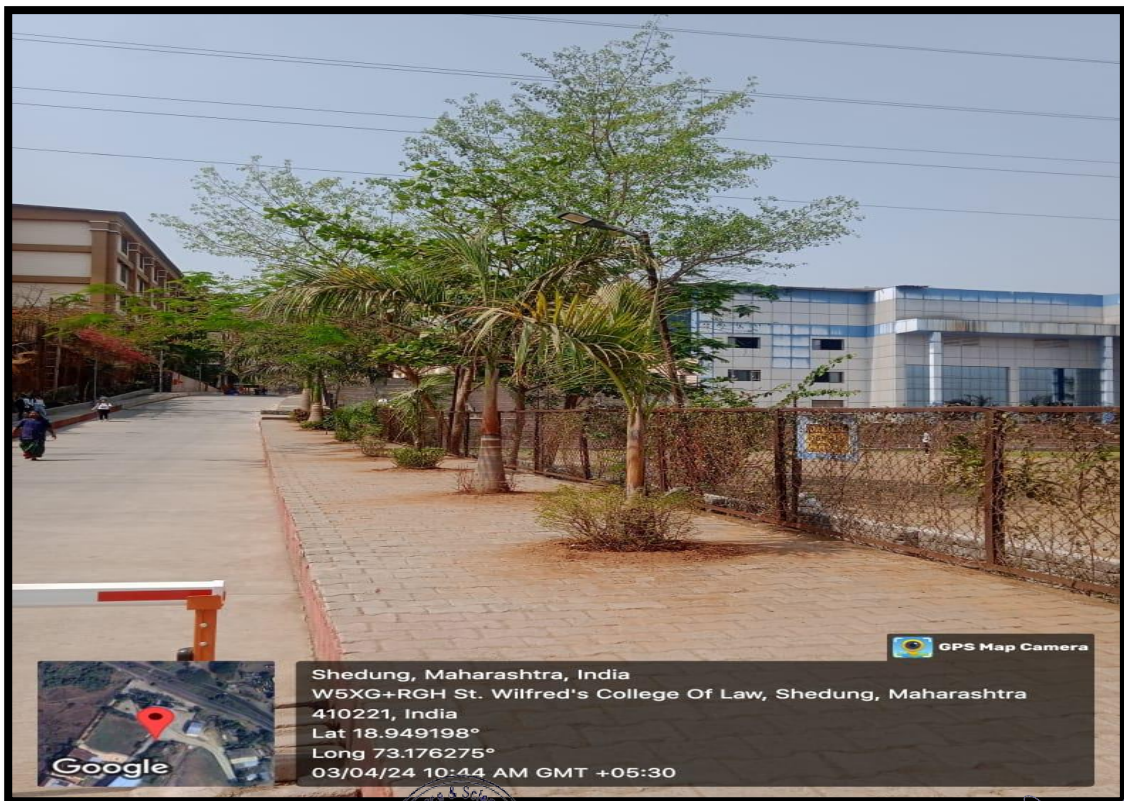


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Plants in the College



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Clean and green campus

Action Taken Report

- The Institute coordinated Cleanliness Drive with the NSS unit and IQAC before and after the major events hosted there, as well as on other occasions like World Environment Day and Earth Day.
- The institute, in cooperation with the Environment Management Committee and NSS Unit, frequently organized plantation drives on and around campus. Employees and kids take part in this planting activity with great enthusiasm.
- The institute's Green Campus initiatives include water conservation, tree planting, trash management, and alternative energy. Given this, the institute conducted a green audit.
- The institute has put up slogans across campus to educate students about the value of preserving green space and energy, as well as water and energy conservation.
- CFL lights are replaced with LED lights.
- When not in use or after utilization, faculty, staff, and students are required to unplug and turn off electrical appliances. The gadgets undergo routine maintenance to boost their effectiveness.
- Periodically, assessments of the quality of the water are conducted.
- Water coolers are sanitized using certain techniques. To provide adequate oversight of waste management operations on campus, the principal forms a waste management committee. On campus, efforts are undertaken to successfully apply green standards. Each department's trash output is measured, and data is prepared for the campus's efficient waste management.
- Teachers and students are more aware of their surroundings; Students enthusiastically participate in eco-friendly projects and endeavors; Green policy is carefully adhered to.
- To reduce the energy usage of the science departments, energy-saving appliances were purchased.
- Annual inspections are performed to increase the effectiveness of the devices.
- Staff members and students are encouraged to unplug and switch off electrical equipment when not in use or right away after.
- Periodic evaluations of the water quality are conducted as part of internal and external audits.



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- Topical posters and recurring awareness campaigns serve to reinforce the current approaches to water management.
- Installing top-notch pipelines to collect laboratory waste water; routinely chlorinating the primary water sources Analyzing Waste.



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4. Beyond the campus environmental Promotion activities



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Visit to National Institute of Oceanography

10 October 2023



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Plantation Activity

26 November 2023



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Plantation 21 September 2022



World Environment Day – 5 June 2023



TREE PLANTATION DAY

"Let's sow the seeds of a greener tomorrow, On Tree Plantation Day, let's alleviate sorrow. With every sapling we lovingly nurture, We create a future that's vibrant and pure."





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World Environment Day 5 June 2022



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Nursery Visit – 22 April 2020 World Earth Day



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A Visit on Waste Plastic Treatment



World Ozone Day

16 September 2021



Principals
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News on Environment initiatives

२ सोमवार, १० जुलै २०२३

माझी मुंबई

दैनिक पॉवर ऑफ लोकशाही

वृक्षारोपण का आयोजन [डॉ. मृत्युंजय पाण्डेय इन्होने सभी छात्राओंको किया प्रेरित]

दि. १० - कुणाल शेलार, पॉवर ऑफ लोकशाही, पनवेल

वन एक जीवन है, इंसान को यदि इस धरती पर जीवित रहना है तो उसे वन से ही जलना है, यदि वन से वन में ऑक्सीजन नहीं होगी तो हम जीवित भी नहीं होंगे जिस तरह से रहना, खाना, पीना, सोना जल्दी है वैसे ही वन से भी अति आवश्यक है, वन से का एकमात्र जोड़ना है जो है वृक्ष देखा जाए तो जिवनी का पर्याय ही वृक्ष है, इन्हीं वृक्षों को बचाव रखने के लिए भारत में प्रतिवर्ष जुलाई माह के पहले सप्ताह को वन महोत्सव के रूप में मनाया जाता है, पूरे १ सप्ताह तक चलने वाले इस महोत्सव का उद्देश्य मनुष्यों को वृक्षों के प्रति जागरूक करना है, उनकी महत्ता बताना है, इसी उद्देश्य को लेकर सेंट विल्फ्रेड कॉलेज ऑफ साइंस महाविद्यालय में वृक्षारोपण का आयोजन किया गया था, इस वन महोत्सव आयोजन में सेंट विल्फ्रेड कॉलेज ऑफ साइंस महाविद्यालय के प्राचार्य डॉ. मृत्युंजय पाण्डेय, छत्रपती शिवाजी महाराज इंस्टीट्यूट ऑफ टेक्नोलॉजी के प्राचार्य डॉ. धर्मेन्द्र दुबे, सेंट विल्फ्रेड कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइंस के प्राचार्य डॉ. अनुपम ऋषि, सेंट विल्फ्रेड कॉलेज ऑफ फार्मसी प्राचार्य डॉ. दिनानाथ झाडे इन्होने आत्र के अलावा पर वृक्षारोपण किया, इसमें विभिन्न विभाग के विद्यार्थिने आत्र के दिन समीप होकर वृक्षारोपण में हिस्सा लिया और १५० से ज्यादा वृक्षारोपण किया गया, इसी समय डॉ. मृत्युंजय



पाण्डेय इन्होने सभी छात्र वंश छात्राओंको प्रेरित किया की सभी लोग अपने घर के आसपास कम से कम २ वृक्ष जरूरी लगाये ताकी इस सृष्टी में ऑक्सीजन बढ़ता रहे, वृक्षारोपण के इस कार्यक्रम पर सेंट विल्फ्रेड ऐजुकेशन सोसाईटी के सचिव डॉ. केशव बढाया ने कहा की, पर्यावरण से ही हमारी जिवनी है, अगर हम वृक्ष की रोवाई और उनकी सुरक्षा नहीं करते तो हमारा अस्तित्व समाप्त हो जाएगा, हमें वृक्षों का ध्यान वैसे ही रहना है वैसे हम अपने शरीर, स्वास्थ्य और अपने परिवार के सदस्यों का ध्यान रखते हैं, इस वृक्षारोपण में प्राध्यापक, शिक्षक, कर्मचारी और सभी विद्यार्थी इन्होने इस दिन का बडी शान से वृक्ष लगाकर स्वागत किया.

'माझी माती माझा देश'

अभियानांतर्गत छत्रपती शिवाजी महाराज तंत्रज्ञान संस्थेत वृक्षारोपण

औरंगाबाद/लोकरत्न प्रतिनिधी छत्रपती शिवाजी महाराज इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या युनिटने मेरी माती, मेरा देश मोहिमेत

नेतृत्व युनिटच्या समन्वयक प्राध्यापक नूतन काळे आणि प्राध्यापिका स्वाती मोरे करत आहेत. केवळ आपल्यासाठीच नाही तर आपल्या भावी

बसतो, तशीच फळे खातो, भविष्यात आपण लावलेली झाडे आपल्या विद्यार्थ्यांसाठी फलदायी ठरतील. संध्याचे सचिव डॉ. केशव बढाया जी यांनी शुभेच्छा दिल्या आणि आमच्या सर्व महाविद्यालयांमध्ये असे कार्यक्रम आयोजित केले जात असल्याचे सांगितले. यावेळी विधी महाविद्यालयाचे प्राचार्य मृत्युंजय पांडे, फार्मसीचे प्राचार्य डॉ. दिनानाथ झाडे, प्राचार्य एसीएस डॉ. अनिरुद्ध ऋषी, श्रेयस पांडे, मनोज डोंगरे, अनुप मौर्य, स्वप्नील भोईर, श्रद्धा कवळे, कालिदास, भरत, ईश्वर लामतुरे, वैशाली आदी उपस्थित होते.



जवळपास एका महिन्यात जवळपास कॅम्पसमध्ये आणि एका वर्षात ५०० झाडे लावण्याचा कार्यक्रम आखला आहे. एनएसएस. कार्यक्रमाचे

पिढ्यांसाठी झाडे लावली पाहिजेत, असे प्रचारक डॉ. धर्मेन्द्र दुबे यांनी सांगितले. आज आपण आपल्या पूर्वजांनी लावलेल्या झाडांच्या सावलीत



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