



**NUTAN MAHAVIDYALAYA, SELU -431503
DIST. PARBHANI**

Affiliated to Swami Ramanand Teerth Marathwada University, Nanded
NAAC Re-accredited B+ Grade

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“Distinctiveness of the College”

“Harmony in Green: A Visionary Journey of Environmental Stewardship at Nutan Mahavidyalaya Selu”

Introduction:

Nestled in the environmentally sensitive Marathwada Region, our copy embarks on a journey guided by a profound mission encapsulated in the ethos of "Save Earth, Save Life." Driven by a commitment to address the region's susceptibility to environmental challenges, such as droughts and heavy rainstorms, we envision creating an abode of peace reminiscent of Shantiniketan, fostering peace and harmony through a conducive educational environment. Our dedication to environmental stewardship permeates every facet of our copy, as evidenced by our multifaceted initiatives and programs aimed at raising awareness and promoting sustainable practices. From engaging with neighboring villages through the National Service Scheme to celebrating innovative events like 'VrakshRakhaBandhan' and actively participating in government schemes like the "Green Army," we strive to make a tangible impact. With initiatives ranging from soil testing camps to rainwater harvesting projects and tree planting for carbon neutrality, we are committed to not only raising awareness but actively contributing to creating a sustainable and harmonious environment. Through these endeavors, we remain steadfast in our pursuit of our distinctive vision, embodying our core values and overarching mission.

Aims of the Activity:

- **Environmental Awareness:** The primary aim is to raise awareness about environmental issues among students, faculty, and the wider community in the Marathwada Region, fostering a deeper understanding of the region's susceptibility to challenges like droughts and heavy rainstorms.
- **Promotion of Sustainable Practices:** The College aim to promote sustainable practices through various initiatives such as soil testing camps, workshops on composting and bio-fertilizers, and the distribution of saplings during events like 'Vraksh Rakha Bandhan.' By engaging with neighboring villages and collaborating with government schemes like the "Green Army," we strive to instill eco-friendly habits and practices.
- **Community Engagement and Collaboration:** The College seeks to actively engage with neighboring villages and collaborate with local municipal bodies and government agencies to address environmental challenges collectively. Through initiatives like the National Service Scheme and collaborative tree planting programs, we aim to build strong community partnerships focused on environmental conservation.
- **Carbon Neutrality and Biodiversity Conservation:** The College is committed to achieving carbon neutrality through tree planting initiatives and

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promoting biodiversity conservation through the maintenance of our botanical garden. By offsetting carbon dioxide emissions and preserving diverse ecosystems, the college aims to contribute to the long-term sustainability of the region.



- **Infrastructure Development for Environmental Sustainability:** The College aims to invest in infrastructure development for environmental sustainability, including the implementation of rainwater harvesting systems, check dams, and organic waste management facilities like Gobar Gas plants. These initiatives not only benefit the campus but also serve as models for sustainable infrastructure development in the wider community.

Activity Details: In its pursuit of a distinctive vision, the college, nestled in the environmentally sensitive Marathwada Region, has embraced a mission centered around the ethos of *"Save Earth, Save Life."* This unique focus emerges from the recognition of the region's susceptibility to environmental challenges, such as droughts and heavy rainstorms, leading to economic losses and loss of life. Inspired by the ideals of creating an abode of peace akin to Shantiniketan, the college envisions fostering peace and harmony through a conducive educational environment achieved by maintaining a clean, green campus.

The college's commitment to environmental stewardship is evident in the various initiatives and programs undertaken, aligning with its distinctive vision. Through the National Service Scheme (NSS) unit, students and faculty actively engage with neighboring villages to raise awareness about environmental issues and promote sustainable practices.

The Soil Testing Camp: One notable program is the Soil Testing Camp, where the NSS unit collects soil samples from nearby villages, analyzes them in the college laboratory, and provides farmers with immediate reports and remedial measures for improving crop yield.

Vermi-compost: To address soil erosion, workshops on Vermicompost and Bio-fertilizers are organized, and the produced fertilizers are distributed to farmers. The college incubation Cell prepared vermicompost worth Rs. 30 Kg under the activity of Incubation Cell.

'Vrکش Raksha Bandhan': The celebration of *'Vrکش Raksha Bandhan'* takes an innovative approach, distributing saplings as gifts to female students and faculty members. These saplings, planted in the campus and surrounding areas, contribute to increased greenery. The college conducts a Green Audit annually to assess and enhance its environmental impact.

"Green Army: The college actively participates in the government's *"Green Army"* scheme, where teaching and non-teaching staff work collaboratively for environmental protection. Through this initiative, the college has planted 100 saplings in collaboration with local municipal bodies and the Forest Department.

Rosary Product: The College's incubation center proudly houses a rosary product plant, a testament to our commitment to innovative and sustainable practices. This plant not only adds to the diversity of our campus ecosystem but also serves as a valuable resource for students and faculty alike. Through the cultivation of rosary products, we aim to promote eco-friendly alternatives and explore the potential for entrepreneurship in environmentally conscious industries. As we nurture this plant within our incubation center, we foster a culture of creativity, exploration, and environmental responsibility, paving the way for a greener future.


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The Botanical Garden: The Botanical Garden stands as a testament to the copy's commitment, housing a diverse collection of 1006 species and contributing to an impressive 14.144% green coverage across the campus. This botanical haven serves as an educational resource, fostering environmental awareness and supporting biodiversity studies.

Water Conservation: Addressing water conservation, the college has implemented rainwater harvesting through various mechanisms. A check dam constructed on the premises collects rainwater, ensuring adequate water storage for the college. Roof Water Harvesting projects, both on the hostel building and through check dams, further contribute to water availability, benefiting various aspects of campus life.

Compost Fertilizer: In a significant move towards carbon neutrality, the copy has initiated tree planting to offset 100% of carbon dioxide emissions. This practice reflects a commitment to environmental sustainability and sets the stage for future endeavors to maintain carbon levels. Additionally, the college produces compost fertilizer from plant litter, using it to enrich the soil in the college garden, promoting organic farming practices.

E-waste Management: Efforts to manage electronic waste (E-waste) responsibly are also underway. The college collaborates with an external agency to ensure the proper disposal of older computers, printers, and batteries, minimizing the environmental impact of E-waste.

Gobar Gas Plant: The College has installed Gobar Gas plant in the Girls' Hostel as the waste management. The installation of a Gobar Gas plant in the Girls' Hostel exemplifies the college's commitment to sustainable waste management practices. By utilizing biodegradable waste, such as cow dung, as a renewable resource, the Gobar Gas plant produces clean energy in the form of biogas, which can be used for cooking and heating purposes. Not only does this innovative system reduce the environmental impact of organic waste disposal, but it also provides a practical solution for addressing energy needs within the hostel premises. Through the implementation of the Gobar Gas plant, the college demonstrates its proactive approach to environmental sustainability and resource efficiency.

Organic Farming of Vegetables: The College has organic farming of vegetables as the activity of Incubation Cell. The College's Incubation Cell engages in organic farming of vegetables, showcasing a dedication to sustainable agriculture practices. By eschewing synthetic fertilizers and pesticides, the college promotes soil health and biodiversity while producing nutritious and chemical-free vegetables. This activity not only serves as an educational platform for students to learn about organic farming techniques but also contributes to the local food supply chain, fostering a culture of environmental stewardship and healthy living within the college community. Through organic farming, the Incubation Cell embodies the college's ethos of promoting sustainable solutions for a greener future.

"No Vehicle Day": To encourage sustainable transportation practices, the college celebrates *"No Vehicle Day,"* promotes bicycle use on campus, and adopts a vehicle pooling system. The Rain Water Harvesting system installed collects rainwater from all roof outlets, maintaining the water level in the college bore well and benefiting the local community.

Conclusion: The copy's performance in the distinctive area of environmental sustainability exemplifies its commitment to its vision of *"Save Earth, Save Life."* Through multifaceted initiatives, the college not only raises awareness but actively contributes to creating a sustainable and harmonious environment, aligning with its core values and overarching mission. Through raising awareness, promoting sustainable practices, engaging

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with communities, and investing in infrastructure for environmental sustainability, the college strives to make a tangible impact in the Marathwada Region and beyond. By fostering a culture of environmental consciousness and actively contributing to creating a sustainable and harmonious environment, the college remains steadfast in our pursuit of our core values and overarching mission. Together, the College embraces the challenge of addressing environmental challenges head-on, knowing that our collective efforts today will shape a brighter, greener future for generations to come.

Evidence of the Success:


1. Eco System in Nutan Mahavidyalaya, Selu (youtube.com)
2. The Unique campus of Nutan Mahavidyalaya Selu (youtube.com)
3. One Day Workshop on Preparing and Using Cloth Bags (youtube.com)
4. Activity of Incubation Cell-Rosery Product (youtube.com)
5. walking competition in Nutan Mahavidyalaya Selu (youtube.com)
6. Nutan mahavidyalayselu (youtube.com)
7. Respect Parents and seniors. (youtube.com)
8. <https://www.youtube.com/watch?v=wokANYLJRBU>
9. Meri Mati MeraDesh program in the college (youtube.com)
10. e-waste management (youtube.com)

Photograph:




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Latitude: 19.862322
Longitude: 76.437624
Elevation: 100.5914 m
Accuracy: 2.4 m
Time: 01-06-2022 14:33
Note: vermicomposting



Latitude: 19.162351
Longitude: 76.43851
Elevation: 133.8912 m
Accuracy: 2.0 m
Time: 01-06-2022 14:32
Note: vermicomposting

Co-Ordinator
Nutan Mahavidyalaya, Selu (MS)

Director
IQAC
Nutan Mahavidyalaya, Selu

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