

BEST PRACTICE II:**“Advancing Eco-Awareness:Fostering Environmental Consciousness”(1000 words)****TITLE OF THE PRACTICE:****“ADVANCING ECO-AWARENESS:FOSTERING ENVIRONMENTAL CONSCIOUSNESS ”****OBJECTIVE OF THE PRACTICE:**

- **Raise awareness:** Educate students about environmental issues and their impacts.
- **Foster responsibility:** Instil a sense of duty towards protecting nature and conserving resources.
- **Encourage sustainable practices:** Promote eco-friendly habits like recycling, energy conservation, and waste reduction.
- **Organize events:** Conduct seminars, workshops, and eco-awareness campaigns to engage students.
- **Implement green initiatives:** Introduce projects like tree planting drives and campus clean-ups.
- **Collaborate with communities:** Partner with local organizations to address environmental challenges collectively.
- **Integrate curriculum:** Incorporate environmental studies into academic programs to emphasize its importance.
- **Empower leadership:** Encourage student-led initiatives for sustainable development.
- **Measure impact:** Monitor progress and evaluate the effectiveness of environmental initiatives.
- **Cultivate a green culture:** Create a campus ethos that prioritizes environmental consciousness and action.

CONTEXT:

In the sprawling 10.23-acre campus of DR VRK Women's College of Engineering & Technology, fostering environmental consciousness stands as a core principle. With ample space and resources, the college is committed to promoting sustainability and eco-friendliness. Through various initiatives, such as integrating green infrastructure, lush landscaping, and efficient waste management systems, the campus aims to reduce its ecological footprint while providing a vibrant, green environment for learning and leisure. Water conservation measures and energy-efficient practices are also prioritized to ensure responsible resource usage. Moreover, DRVRKWCET actively engages students through

educational programs and student-led initiatives, empowering them to champion environmental causes within and beyond the campus. Collaborating with college NSS Team, local communities and organizations, DR VRK Women's College endeavours to extend its environmental impact beyond its borders, advocating for a greener, more sustainable future. With continuous improvement at its core, the college seeks to evolve its environmental policies and practices to meet the ever-changing challenges of sustainability while inspiring and nurturing a culture of environmental stewardship among its students and staff.

PRACTICE:

The promotion of environmental consciousness at DR VRK Women's College of Engineering & Technology is not just a concept but a thriving practice deeply ingrained in the fabric of the institution. With a firm commitment to sustainability, the college implements a multitude of initiatives across its 10.23-acre campus to foster environmental awareness and action. Our Principal, Dr SASI KUMAR SIR and Director Mrs. SUJATHA THEODORE MAM motivate and extend moral support continuously for initiating greenery in the campus. To make the campus eco-friendly, different steps have been undertaken by the institution. The DRVRKWCET organizes various green campus special programs for generating awareness among students. The campus itself serves as a living laboratory for sustainability, with lush landscaping and green spaces providing not only aesthetic appeal but also promoting biodiversity and ecological balance.

Waste management is another area where the DRVRKWCET excels. Robust recycling programs and waste segregation methods are implemented to reduce landfill waste and encourage responsible consumption habits among students and staff. Water conservation practices, including rainwater harvesting and efficient irrigation systems, are also in place to mitigate water scarcity. Educational programs play a pivotal role in shaping the environmental ethos of the college. Environmental studies are integrated into the curriculum, offering students a comprehensive understanding of ecological principles and sustainability practices.

The college's commitment to environmental consciousness extends beyond its borders through community engagement initiatives. Collaborating with our NSS Team, local organizations and communities, the college organizes tree-planting drives, clean-up campaigns, and awareness workshops to foster a culture of environmental consciousness.

in the surrounding areas. The faculty and students of DRVRKWCET, AZIZNAGAR joined together with National Service Scheme (NSS) to plant a lot of trees in the nearby villages of Aziznagar. In the COVID-19 Pandemic period, DRVRKWCET has extended its services for the people in the nearby areas by providing the basic needs for their family. Also, mask and sanitizers were provided by the NSS on behalf of DRVRKWCET.

Student leadership is also nurtured and celebrated within the context of environmental sustainability. Student-led initiatives drive innovation and activism, empowering young minds to initiate positive change and advocate for sustainable practices both on campus and in the wider community. DRVRKWCET recommends the students and faculty to plant at least one tree somewhere at their desired locations on their special days like birthdays, anniversaries and occasional celebrations. DRVRKWCET has prevented the use of plastics inside the campus and even automobiles are also prevented from entering the green zone. Battery powered vehicles are provided to reach the campus from the main road.

In essence, the promotion of environmental consciousness at DR VRK Women's College of Engineering & Technology focus to become a lived reality.

EVIDENCE OF SUCCESS:

The success of the Promotion of Environmental Consciousness in DR VRK Women's College of Engineering & Technology is evident through tangible outcomes and student engagement. Increased participation in eco-friendly initiatives like tree planting, waste reduction, and energy conservation reflects a growing environmental awareness among students. Cleanliness plays a major role in creating successful faculty, student and community. The clean environment yields more productive teachers, a better learning environment and experience, healthier teachers, minimize the absentees and number of sick students & enables good habits among students and faculty. Plants and trees are watered at regular intervals. Environmental audit is conducted once in 3 months. Efforts undertaken by the College are:

- Increased student participation in eco-friendly initiatives like tree planting and waste reduction.
- Establishment of a vibrant eco-conscious community within the campus.
- Positive feedback and testimonials from students, staff, and the local community regarding the college's environmental initiatives

- Faculty of various departments motivate the students to grow plants and trees.
- NSS unit of the College undertakes various activities, like arranging a talk on several topics like conservation of water and its harvesting and to avoid using plastic in the campus.
- NSS Unit and Students celebrate plantation day annually.
- Campaign for the plastic-free campus at the college premises was arranged and a speech was delivered by our NSS faculty Mr. Ravi Kumar to create awareness among the students, teaching and nonteaching staff.

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

Several challenges hinder the promotion of environmental consciousness at DR VRK Women's College of Engineering & Technology. The problem occurs while maintaining certain areas of the trees and plants in the summer season. The main problem regarding the maintenance of these gardens is lack of funds and adequate supporting staff. The college has to maintain this from the non-government fund.



DR. V.R.K WOMEN'S COLLEGE OF ENGINEERING AND TECHNOLOGY

**Approved by AICTE & Permitted by Government of Telangana State
Affiliated to Jawaharlal Nehru Technological University Hyderabad**

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**“ADVANCING ECO-AWARENESS:
FOSTERING ENVIRONMENTAL
CONSCIOUSNESS ”**



PLANTATION PROGRAM DONE BY STUDENTS IN CAMPUS



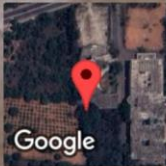
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STUDENT TAKE UP CLEANING PROGRAM AROUND CAMPUS



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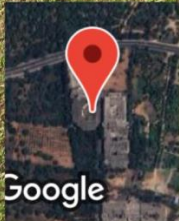
CLEANING SERVICE IN CAMPUS



STUDENTS CLEAN THE CAMPUS



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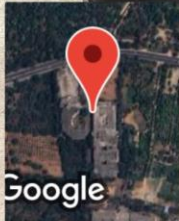
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PLANTATION DONE BY THE PRINCIPAL AND STAFF



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SAPLINGS PLANTED BY THE STAFF