



BEST PRACTICE BY IQAC - 2

1. Title of the Practice:

“Fostering Social Responsibility through National Service Scheme to Promote Environmental and Social Sustainability”

2. Objectives of the Practice:

- Engage students in social welfare activities to address and resolve issues faced by local communities.
- Educate communities on health, hygiene, safety, and environmental conservation.
- Raise awareness about the importance of higher education among rural students.

3. The Context:

Situated in a rural area with a significant number of uneducated individuals, Govindrao Wanjari College of Engineering & Technology leverages its NSS (National Service Scheme) unit to equip local communities with essential knowledge and skills to enhance their quality of life.

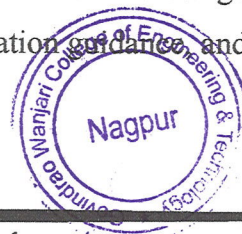
4. The Practice:

(i) Community Services and Awareness Creation:

- The NSS team actively engage in raising awareness on various social issues through initiatives such as voting awareness campaigns, and promoting the use of electric vehicles.
- Other activities include educating the community on safety practices related to electrical hazards, traffic rules, and participating in the “Clean India Mission” through campus and temple clean-up drives.

(ii) Education:

- GW CET provides educational programs that include career guidance for higher secondary students, yoga sessions, civil services examination and science exhibitions.





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AN ISO 9001-2015 & ISO 14001-2015 CERTIFIED INSTITUTE

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- Additional efforts focus on improving communication and computer skills for school students, as well as promoting higher education opportunities.

(iii) Environmental Conservation:

- NSS volunteers educate communities on topics such as tree planting, water conservation, the use of renewable energy, and maintaining an eco-friendly environment.

(iv) Health Care Campaign:

- The units organize medical camps, eye check-ups, and vaccination awareness programs in underserved areas, in collaboration with government healthcare professionals.
- Awareness campaigns also cover topics like breast cancer symptoms, hygienic practices, and HIV/AIDS prevention.

(v) Other Contributions:

- GW CET staff and students raise funds to assist old age people.

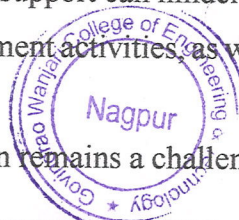
5. Evidence of Success:

- High student participation in social responsibility programs reflects their strong commitment to community service.
- Student-led projects, such as the “IOT based smart Agriculture Monitoring system (2023-24, IT Deptt), IoT Base orange segregation Machine (2023-24, EE Deptt), Seed Sowing Robot for Farm powered by solar (2022-23, EE Deptt)”, “Solar Based Drip Irrigation system for Farming Application, Solar Powered Mobile operated Farmer friendly multifunction Agribot (2020-21, EE Deptt)” showcase the practical impact of their involvement.
- Over the past five academic years, approximately 84 extension and outreach programs have been successfully conducted.

6. Problems Encountered and Resources Required:

- Limited funding, materials, and logistical support can hinder the execution of these programs.
- Time constraints for research and development activities, as well as cultural barriers, may affect community cooperation.
- Ensuring consistent volunteer participation remains a challenge.

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