Best Practice 1

1. Title of the Practice:
Student skill development Cell

2. Objectives of the Practice

a. To provide adequate training in respect to the major subject for enhancing more skills.

b. It also aims to create opportunities for the development of talent and improve their overall personality.

c. To improve students' technical skills and engaging themselves in the current scenario.

d. To reduce the rate of being without a job and create an impact on the budget growth of our nation is the important objective of this Skill development Cell.

3. The Context

Students from vernacular backgrounds need additional training to acquire the skills expected by recruiting companies. Most of the students admitted through lateral-entry i.e., with a diploma qualification, need more grooming to perform on-par with the other students. To provide requisite training for students to improve their prospects of being recruited in Product Development and/or Consulting and service-based companies. At the same time, it addresses students' individual differences and helps to develop important, transferable skills. These skills, such as critical thinking, communication and analysis are important and continually developing at all stages of life. Educational systems are serving students best if they enable and encourage students to build their own interdisciplinary pathway. This approach is sure to foster a love of learning, ignite a spark of enthusiasm and address learning differences for students.

4. The Practice

Many of the students take admission in the Engineering institution are from the first generation families who look for a job immediate as a career option after completion of their graduation. The major challenge here is the academic eligibility criteria for a placement opportunity (the industry expects a minimum of 60% marks at 10th , 12th and Engineering aggregate). The college takes excellent efforts to increase their academic eligibility. The institution takes round the year efforts for improving their academic performance and interpersonal skills of the students, to development these skills institution organizes various activities. Accordingly, a dedicated students skill development cell was established in the year 2017. The main objective of the skill development cell is to bridge the gap between academia and industry and train the students on the required skill sets . The students are trained on Employability Skills which are required for the industry. The students are trained from First year to final year as per the requirement.

The institute has tie-up with various agencies & trainers for the specific training programmes

for the students. These agencies train the students on the areas like Aptitude Skills, Soft Skills, Technical Training, Resume building, Mock Interview, various guest lectures, sessions on the various topics. These trainers train the students from First year to final year students. Apart from the regular classes, students are also provided industry ready training for 15 days on the students requirements. The impact of this shown a gradual increase in the placements due to persistent efforts in preparing and training the students for employability . Many of our students before they graduate, they get job offers from the companies of repute like, TCS, Infosys, Wipro, Amdocs, Atos syntel, Tech. Mahindra, Cooper Corp, Emerson, Cognizant, Capgemini, etc. There are several students who opt for the internship , the students who don't have a clear idea of how to get the internship and various assessment processes. Hence, the student skill development cell assist such students to go through the process and help them to attend and clear the interview. Through various assessments and surveys to identify gaps and offer suitable services for enhancing the competency development of the students

5. **Evidence of Success**

Training and placement cell core committee members:

Mr.P.D.Bansode (TPO)

Ms. A. B. Shelar

Mrs. S. N. Wangikar

Ms. A. R. Kadve

S. P. Chavan

Placement Record 2020-2021

Sr.No	Branch	Company Name	Total placed students
1	CSE	Wipro	69
		Amdocs	
		TCS	
		RK INFO	
		SoftcareTechnocraft	
		Pentagon Space Pvt.	
		Infosys	
		Cognizent	
2	E&TC	RK INFO	17
		SoftcareTechnocraft	
		Qspiders	
		Pentagon Space Pvt.	
		TCS	
3	CIVIL	Chegg India	04
		Just Dial	
		Qspiders	
		Pentagon Space Pvt.	
4	MECHANICAL		

		Chegg India	
		Just Dial	20
		Qspiders	
		Pentagon Space Pvt.	

6. Problems Encountered and Resources Required

Some of the students, though academically capable, could not afford the cost for the training due to their poor economic background. The college supports these students by extending financial assistance.

Resources Required:

- Professional trainers for imparting training.
- Resources to conduct training i.e., video lectures on topics in communication and aptitude, online exams for practice purpose, company-specific mock tests, etc

Best Practice 2

1. Title of the Practice:
2. Environmental Consciousness & Sustainability

2. Objectives of the Practice

To Aware environmental Consciousness in the globalized time and importance of Sustainability for future generation.

At DACOE, we strive to create a model of education that is based on compassion and mindful living. The Green Campus initiative began with an objective of fostering a culture of eco-friendly practices and making the campus environmentally sustainable. We aim to build a campus that is plastic free, produces minimal waste, conserves energy, protects biodiversity and practices self-sustainability in areas of power, water and cleanliness. This is a collective endeavor of our students, staff and neighboring community in an effort to recognize our place and responsibility.

3. The Context

The campus of DACOE can be categorized as educational building, hostels, playgrounds, lawns and gardens. A huge area is left in its natural form and acts as a natural habitat for biodiversity. The variety of species of grasses, herbs, shrubs and trees also help in recharging of groundwater. Climate change is no myth: The rate of environmental degradation in the 21st century industrial, consumerist society is alarming. DACOE has been constantly working towards creating and maintaining an eco-friendly and clean campus.

4. The Practice

The college is aware of the fact that higher education institutions have to play a significant role to inculcate environmental consciousness among the future citizens of the country and in during so arrest environment degradation. The college is working towards making the campus "Ecofriendly" with help of Women cell, and NSS, other units of the institute. In fact, NSS units entirely make efforts to keep the campus green. To keep the entire campus clean inward and action. The college has a green audit/environment committee. The environmental committee conducts projects work with the students through various projects. The committee members try to emphasis the fact eco-friendly environment can make the society and surrounding happy. The NSS students also take care to make the campus polythene free zone. College is located in an eco-friendly Campus of 11 acre. most of the land are empty and have Opportunities for enhancing the eco-friendly campus, the following. Works has been done in the campus which helps in the Environmental consciousness & sustainability. Plantation of Trees on the large scale inside the college campus time to time. Use of solar energy street light is proposed. Use of LED Bulb inside the campus.Cleanness programs conducted by NSS Time to Time.Maintains off garden and various play ground by NSS Units programme

Officers, and sports in Charge respectively.Encourage to students and teachers for save electricity, save papers, save water use of dustbins. Single use of Plastic AwarenessProgram.Hosteller's use college campus for running, walking and playground for sports every day. Staff and students are advised to turn off lights and fans when they are not being used.Language lab smart class and other science lab are arranged to make advantage of natural light from windows. In the playground and other land pitcher rainwater percolates through the soil to recharge the bare-well water table. Different trees have been planted to keep environment eco-friendly trees have ground in vows to maintain carbon neutrality.Parking lot is located by side of the gate to avoid emission from vehicle. That in front of the main entrance there is a row of trees in campus. In campus there are some decorative plants and some Big trees to keep the environment friendly. NSS conduct extension activity for local community to create awareness and consciousness. The E-waste generation is very minimal in the campus used computers and peripheries are exchanged under buyback policy use batteries or UPS are also exchanged under buy-back policy. Celebration of international yoga day and arranging of yoga Shivir inside the campus.Anti-tobacco campaign to make the campus Tobacco free. College organisedgroupdiscussion and lectures to highlights the adverse effect of tobacco on the human health. Teachers staff and students took part in all these activities and ensure that our college campus free to Tobacco uses of any form. These activities are towards campus green and eco-friendly.

5. Evidence of Success

- Tree plantation drives are carried out annually.
- There are variety of trees, shrubs and grass cover.
- Solar Panels are paced at some areas of campus. Special attention are giving toward campus cleanliness, water management, waste management and so on.
- Use of LED Bulb inside the campus.
- Cleanness programs conducted by NSS.

6. Problems Encountered and Resources Required

The pandemic has adversely affected our ongoing green initiatives. Maintenance of the lush green cover has been difficult due to the manpower availability being impacted by the lockdown.

It is observed that cleanliness conditions in the college have improved gradually. Students and staff are more aware about clean surroundings but still there is a scope of improvement in imbibing these habits in people's lifestyle. Consistent and patient approach would definitely bring about a shift in the attitude of society through students and staff alike.