

B. K. M. Science College, Valsad

BEST PRACTICE-1

TITLE OF THE PRACTICE:- NCC CADETS AS CORONA WARRIOR

In view of the global pandemic Covid-19, NCC cadets are doing vital task of spreading awareness in the state. Men and women officers are participating excellent services in this battle against corona. They are serving with local administration. They have been mostly deployed around their home area.

OBJECTIVE OF THE PRACTICE:

- To make people aware about pandemic
- To provide necessary preventing items
- To enable the cadets to have proper training regarding covid-19
- To serve the society in pandemic condition

THE CONTEXT:


The NCC cadets of our college had actively participated in Exercise NCC Yogdan. The second wave of Corona had brought disturbance to our nation. At this crucial time our cadets had done many activities related to COVID-19 with all safety precautions. They had made poster related to COVID-19. They managed the queue and made the public to stand with social distance, sanitize hands, and also encouraged them for vaccination. Cadets also explained the safety norms to the shopkeeper and to keep all the safety precautions. They had made videos on spreading awareness and positivity during this pandemic.

THE PRACTICE: YEAR 2020-21



Under the period of covid- 19, different activities have been done by the college

No.	Name of Activities	Number of cadets participated
1	NCC Yogdan	26
2	Mask Distribution	6
3	Covid-19 Posters	6
4	Awareness and Positivity	26


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5.	Awareness about How to Register for Vaccination	18
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8.	Volunteering	26
9.	Frequently Asked Question	6

Cleared doubts of public through videos on the frequently asked question related to vaccination. So that people can clear their doubt and go for vaccination. And also, can get ideas of the benefits of vaccination. Cadets effectively motivated the society through their experience after vaccination. Gave guidance to citizens about how to register for vaccination so that they can easily get the ideas about registration.

They talked with old age home people and encourage them to stay positive, to stay at home and not to worry. We also gave greetings cards to frontline workers for their selfless service.

PROBLEMS OCCURRED:

Since it was a pandemic, everyone was given guideline. Our NCC cadets had many difficulties like people are not following rules, not wearing mask etc. At the same time, some of the NCC cadets were not allowed to come for the work. In addition, some of the cadets did not have the vehicle but they have performed their duty on a bicycle.

SOLUTION:

During the pandemic the CTO (NCC Officer) Dr. Alpesh Thakor has tried his level best to convince the parents to send their children for social work like to make the people aware about some precautions.



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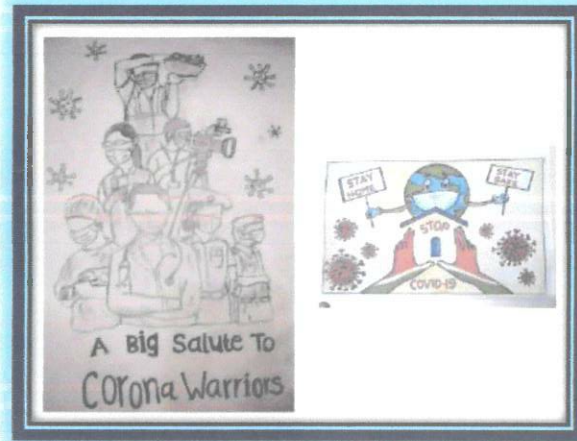
Email: nccbkm@gmail.com Website: www.bkmscience.com Tele Fax: 02632-243049



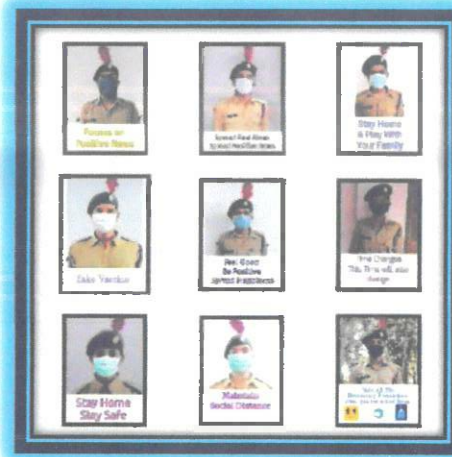
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COVID-19 Posters



Awareness and Positivity



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Mask Distribution

Under the period of mask distribution on 27th April 2020, Mask were distributed by NCC cadets to prevent them from COVID-19 pandemic under the guidance of CTO Dr. Alpesh Thakor.



Dr. Alpesh Thakor
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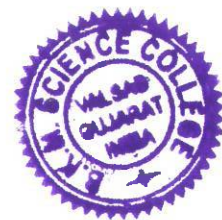
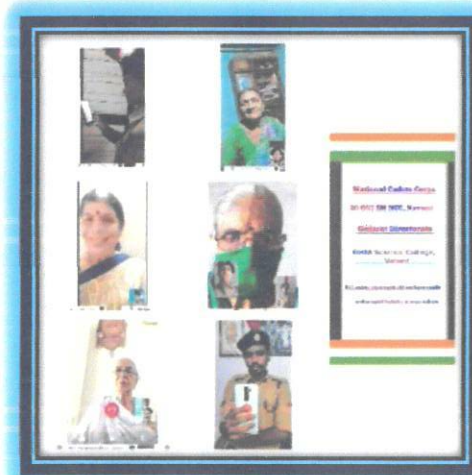
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Guidance about How to Register for Vaccination



Talking with Old Age home



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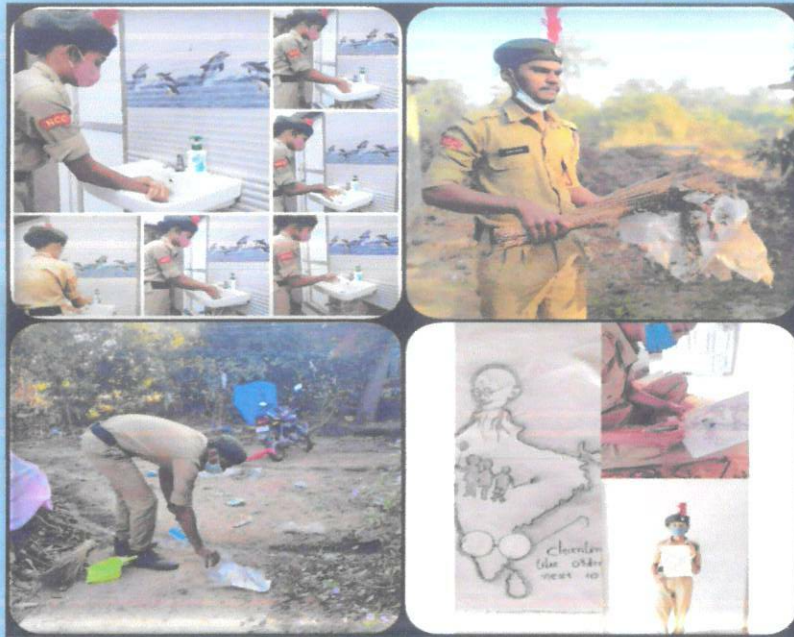
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SWACHHTA PAKHWADA

Under the period of Swachhta Pakhwada from 01/12/2020 – 15/12/2020, This activity was done by all NCC Cadets. In this activity, cadets took part in different kind of activities like, cleanliness drive at beaches and Monuments, personal hygiene, clean historical places, Drawing Competition on Swachhta.

On this event 35 SD & 28 SW i.e. Total 63 NCC cadets were present



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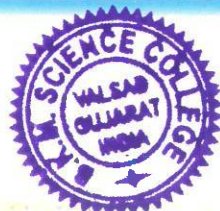
Volunteering



Frequently Asked Question About Vaccination



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BEST PRACTICE-2

Title of The Practice- A Botanical Garden and Herbarium : *Save Environment Save Lives...*

It is necessary for human being to live a healthy life and that can be only done by keeping our environment clean. The nature gives us fresh and healthy atmosphere. We need to work in that area to make our environment more prosperous. Moreover, by planting such trees which helps to increase oxygen in the atmosphere helps us to make our life risk free and we can breath fresh air. There are many medicinal plants that help us in many ways. By this we can say that if we save environment, the environment will save us.

OBJECTIVE OF THE PRACTICE:

- Plantation of trees
- To protect various rare species of plants and trees.
- To develop new areas of learning for botany and zoology students.
- To grow saplings of rare plant species.
- To preserve herbarium sheets for different plants.

THE CONTEXT:

The institute owns huge area of fertile land. The botanical garden of the Institution has a variety of trees and rare plants. There are more than 12000 trees and more than 40 plants of medicine were enveloped in the campus by Ex. Prof. Dr. P. G. More., Ex. Prof. Dr. R. M. Patel and Dr.T. G. Gohil, the Head of the Biology Department. The garden is maintained by the Institution.

The Practice: Year 2020-21

The college has organised an internal committee to oversee the garden's maintenance with the support of a gardener who is paid by the college. This committee aims to make the college campus more environmentally friendly and to raise student understanding of environmental issues. The committee meets frequently to conduct a Green Audit, which includes waste audits, energy audits, tree planting, and other methods for improving the garden. More than 2000 herbarium sheets have been saved for plant identification.

Below is the list of Medicinal Plants Link

https://www.bkmscience.com/uploads/document/document_4DN3ZBPX1650644153.pdf



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Evidence of Success

Planting 12000 trees with 90% success ratio

Planning of Garden Maintenance by college.

Beautiful growth of trees.

Many birds have their nesting in the Garden.

Many Students of various schools visit botanical Garden.

Problems Encountered and Resources Required

Land levelling and removal of the weeds and old trees

Solution: With the help of latest machinery, we have kept the garden clean.

Plantation in large area

Solution: With the cooperation of the District forest department, the institution has achieved the huge environmental success.

Growth of plants in summer

Solution: By taking help from the pond water, the sprinkler technique has been used for the growth of the plants. Full time gardeners are looking after the gardens. As a result, there can be seen 90% success ratio.

Resources needed

Financial Assistance from Management

Forest Department

Botany Department

Huge amount of Water

Fertilizers and Pesticides

Gardening Equipments



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