

Khatra Adibasi Mahavidyalaya

P.O. : Khatra, Dist. Bankura, West Bengal, Pin : 722140

Phone : 03243-255261 / 8900057220 E.mail : kacollege@rediffmail.com / khatraacollege@gmail.com

Website : www.khatraadibasimahavidyalaya.in

NAAC Accredited B+

Our Best Practice

Session: 2019-2020

1. Title of the Practice: Campus Gardening

2. Objectives of the Practice:

A college campus surrounded by nature can be highly effective in improving the overall wellbeing of the college. Campus gardening adds to the natural beauty of the college and also promotes both physical and emotional wellbeing of all stakeholders of the college. Spending time amidst the beauty of nature helps to release stress, tension and lowers our blood pressure. Therefore, our college focuses on campus garden not only for beautification purpose but also for the various benefits that it will provide to the teachers as well as the students.

3. The Context:

Nature can increase the concentration power of the students and improve their retention capacity. The greenery of the college also acts as a great stress reliever. Nature also makes students better self-disciplined, more focused in their studies and make them more motivated to achieve success in life. Studying amidst nature also contributes towards better interpersonal relationship among the students. Last but not the least the greenery in the college campus leads to limited exposure to pollutants. Our college takes initiative for campus gardening to make the students aware about the positive impact that nature has in our lives and the importance of conservation of nature.

4. The Practice:

To sensitize and educate students and their peer groups towards best environmental practices, our college has always focused on campus gardening with a view to saving the flora and fauna inside the campus. It creates a conducive environment for the growth of plant species, tiny insects, moths, butterflies and bees. The Eco Club, NSS volunteers and NCC cadets equally take part in maintaining the garden. The seasonal flowers enhance the beauty of the campus making the ambience pleasant and stress free. Teachers as well as students actively take part in cleaning the campus garden and planting saplings and nurturing them by spraying water, insecticides and pesticides (if necessary) and applying manure.

5. Evidence of Success:

Students have shown keen interest in maintaining the campus garden. Every year specially during the winter time they collect saplings from local areas and plant them in the campus garden. Many herbal plants in the campus have medicinal value and these have made significant contribution in campus life. The garden in the college campus is a great eye soother and has added remarkable value to the college.

Alone Bhawan

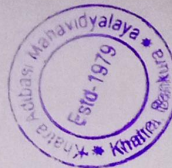
Co-ordinator
I.Q.A.C.

Khatra Adibasi Mahavidyalaya

[Signature]

Teacher-in-Charge

Khatra Adibasi Mahavidyalaya
Khatra :: Bankura



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6. **Problems Encountered and Resources Required:** During COVID-19 lockdown when the campus was subjected to exigency closure, the practice of gardening was hampered due to lack of nurturing and care.

Alone Bhattacharya
Co-ordinator
IQAC
Khatra Adibasi Mahavidyalaya

[Signature]
Teacher-in-Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura

1. Campus Gardening



Campus Gardening



Campus Gardening



Campus Gardening



Captured images of insects at our college campus garden



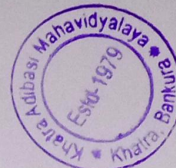
Captured images of insects at our college campus garden





Images: Presence of Biodiversity in the College Campus





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Our Best Practice

Session: 2019-2020

1. Title of the Practice: Manufacturing & Distribution of Hand Sanitizers by Chemistry Department

2. Objectives of the Practice:

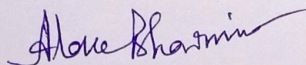
The COVID-19 pandemic is a worldwide outbreak of coronavirus, an infectious disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) virus. The World Health Organization (WHO) declared the outbreak of COVID-19 on 11th March 2020 as a pandemic due to the rapid rate at which it was spreading across the globe. Health experts recommended that to contain the spread of COVID-19, use of hand sanitizer is a must. Although our college was closed due to the declaration of lockdown by the state government, teachers of Chemistry department of the college took the novel initiative of manufacturing sanitizers in the laboratories and distribute them to highlight the importance of sanitization amidst the pandemic.

3. The Context:

Frequent use of hand sanitizers has become the new normal after the outbreak of the COVID-19 pandemic. Hand sanitiser kills pathogens present on our hands and diminishes transmission of germs also from one person to another. Sanitisers have ethyl alcohol, isopropyl alcohol, and the antibacterial substance triclosan. The use of hand sanitiser can help us fight against the Coronavirus effectively. Health experts recommend using a hand sanitiser that contains 60-95% alcohol against the the COVID-19 virus. In circumstances where washing hands with water and soap is not possible, use of alcohol-based hand sanitizer is a must. Since sanitizers are portable, they can be carried anywhere with us. Sanitizers also help prevent transmission of the disease from one person to another. Our college has taken initiative to manufacture sanitizers during the pandemic.

4. The Practice:

In the wake of COVID-19 pandemic, there was a dearth of hand sanitizers in initial stage. During that crisis, Department of Chemistry prepared hand sanitizers with available chemicals in the lab using isopropyl alcohol, glycerol, hydrogen peroxide and sterile distilled boil water. Faculty members have also taken initiative to distribute the hand sanitizers to neighbouring villagers in small bottles.



**Co-ordinator
I.Q.A.C**

Khatra Adibasi Mahavidyalaya



**Teacher-in-Charge
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5. Evidence of Success:

Residents of the adopted villages have become aware about the importance of using sanitizers during the pandemic. Counselling of the villagers by the faculty members has made them realize the deadly impact of the coronavirus disease. Faculty members have been successful to some extent to convince them about the use of sanitizers in preventing the transmission of the disease across villages.

6. Problems Encountered and Resources Required:

Making villagers realize the role of sanitizers in the new normal situation was not easy. They were not convinced that any substitute of washing hands with soap is possible.

Co-ordinator
I.Q.A.C
Khatra Adibasi Mahavidyalaya

Teacher-in-Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura

2. Manufacturing of Hand Sanitizers by Chemistry Department



Manufacturing of Hand Sanitizers by Chemistry Department & Distribution by NCC

Cadets

