

KAZI NAZRUL UNIVERSITY



RANIGANJ GIRL'S COLLEGE DEPARTMENT OF GEOGRAPHY

TOPIC-QUALITATIVE STUDY OF MEDICINAL PLANT

NAME :- SUSMITA BAGDI
CLASS :- B.SC HONOURS 1ST SEMESTER
REG. NO. :- 113211220044
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Course Code: AEE101

Topic of the project: QUALITATIVE STUDY OF MEDICINAL PLANTS

A Project Report

Submitted by Semester-I students

(Academic Year 2021-22)

Name of the student	Registration Number
ANKITA KUNDU	113211220010
BINITA GHATAK	113211220011
HIRA DAS	113211220013
URMI MONDAL	113211220015
JOYSHREE GORAI	113211220016
NIVEDITA MONDAL	113211220018
NIKITA GORAI	113211220019
MOLLIKA BOURI	113211220022
ANINDITA SAMANTA	113211220025
MOUMITA BANERJEE	113211220026
SUSMITA BAGDI	113211220044
SUSMITA SARKAR	113211220045
KRISHNA GORAI	113211220055
RIYA GORAI	113211220056
ANKITA ROY	113211220023
SNEHA MONDAL	113211220024
PRIYANKA DAS	113211220032
AMBALIKA KHAN	113211220036
SRESTHA CHATTERJEE	113211220042
ASHESA CHATTERJEE	113211220050
RUBI MAJI	113211220014
SOMASREE NANDI	113211220027
PRIYANKA KUMARI	113211220037
NIBEDITA BAG	113211220040
JAYSHRI MANDAL	113211220041
PURBITA DEY	113211220047
SUDESHNA PANDA	113211220005
ANUNITA BANERJEE	113211220021

CERTIFICATE

This is to certify that this project titled “QUALITATIVE STUDY OF MEDICINAL PLANTS” submitted by the students for the award of degree of B.A. Honours/ Program is a bonafide record of work carried out under my guidance and supervision.

Name of the student	Registration Number
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ANUNITA BANERJEE	113211220021

Place: Raniganj

Date: 07.03.2022



State Aided College Teacher-II, Department of Geography

Signature of the supervisor with designation and department



Kazi Nazrul University

Asansol West Bengal - 713340

REGISTRATION CERTIFICATE

This is to certify that **SUSMITA BAGDI**

Son/Daughter of **BIRUPADA BAGDI**

of **RANIGANJ GIRLS' COLLEGE**

is registered as a student of this University,

His/Her registration number is **113211220044 of 2021-22**



Registrar

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Date : 07.03.2022

Susmita Bagdi
Student's signature

REPORT

A project submitted by semester - 1 students,
Department - Geography, Registration No - 113211220044
Academic year 2021-22.

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Aims and Objective of the project

Aims and Objective of Medicinal plants

- 0.1. promotion of cultivation and conservation of Medicinal plants
To identify the plants to be conserved/cultivated in-situ at the different agro-climatic regions of the state and those to be cultivated/conserved in the fields (Ex-situ).
- 0.2. To develop cultivation techniques (agro-techniques) including quality plant materials, Irrigation, Fertilizer, plant protection, post harvest collection and processing, which are cost effective in different agro-climatic regions of the state.
- 0.3. cultivation of some medicinal plant which fair well only in the forest ecosystem as inter-cropping in and around the forest areas.
- 0.4. To create optimum awareness amongst cultivators/farmers for the cultivation of Medicinal plants.
- 0.5. To conserve the bio-diversity of Medicinal plants in west Bengal.
- 0.6. To increase public awareness about the efficacies of herbal drugs.
- 0.7. To create organized markets for Medicinal plants and Herbal Drugs both.

Materials and Methods Used

Basak (Malabar Nut)

Basak is an Indian subcontinental medicinal plant. The scientific name of this plant is Malabar nut. It grows almost everywhere in the Indian Subcontinent. In Hindi one is called 'Adusa', 'Bansa'. It grows more in moist plains. Most are born near the locality. Basak bark, leaves, juice are all beneficial. Basak, one of the most important medicinal plants for colds and coughs.

Used:

- 1) Basak leaf juice with 1-2 teaspoons of half to one teaspoon of honey is beneficial for the baby.
- 2) If there is Phlegm in the chest and there is shortness of breath or cough for it, then 1-2 teaspoons of basak leaf juice and 1-2 teaspoons of kantikari juice 1 teaspoon of honey, play with it, the phlegm comes out easily.
- 3) When it is reduced to 25 ml, it is sifted and taken twice a day, both fever and cough go away.
- 4) Apply 10-12 young leaves of basak and piece of turmeric together and apply it on ringworm or itching and it will get better in a few days.
- 5) Basak leaf or flower juice with 1-2 teaspoons of honey or 1 teaspoon of sugar taken every day is beneficial in jaundice.
- 6) In case of pyrexia or bleeding gums, crush 20 basak leaves, boil them in 2 cups of water, reduce them 1 cup and rub them to ~~in~~ lukewarm condition.
- 7) People who have asthma tend to dry the basak leaf, ~~wrap~~ the leaf like a bidi or a cigar, and smoke it to relieve shortness of breath.
- 8) After soaking three or four basak leaves in a jug of water for three to four hours, the water becomes pure. You can use it later.

Reason for choosing the medicinal plant 'Basak'

The word basak means fragrant. It is a herbaceous plant. Many times the basak. Basak bark, leaves, juice are beneficial. Bark leaves are used in Ayurveda to cure various diseases. Fresh or dried bark leaves are used medicinally. Basak is famous as an expectorant for activating the salivary gland of the airway and basak one of the most important medicinal plants for colds and cough.

Reason

- i) The use of the Basak leaf uses to reduce cold and cough is undeniable.
- ii) One of the medicinal properties of basak leaves is that it helps in curing tuberculosis.
- iii) Basak sore throat can often be due to various reasons, however, if you have a hard time eating a little basak leaf juice than you will benefit.
- iv) Basak leaves help to cure cough, runny nose, bronchitis, hapani etc.

I have taken this herber plant for its medicinal properties.



How it has been parented? Like the nature of the plant, frequency of watering, plant food and insecticides used etc.

The plant first grow up clay soil. It grows more in moist. Plains. This plant everyday need to water, air, weather and this plant are slowly grow up. These plants do not require fertilizers or pesticides to cultivate.



Conclusion

From this project we have learned that plants play the most important role in our lives. Medicinal plants cure our physical ailments. If the medicinal plants we are everyday sight discipline maintain to eat even our health its too good. One of the most medicinal plants of 'Basak'. The word basak means fragrant. It is a herbaceous plant. Scientific name of this plant is Malabar Nut. This plant world - Plantae, category - Lamiales, Family - Acanthaceae Mass-Justice. This plant is found in India, Pakistan, Sri-lanka, Vietnam and Malaysia. It is a well-know plant in Bangladesh and is found almost everywhere in India. We own this plant around the homestead, The fence is able to be planted on the foot. Basak leaves have many medicinal properties. Basak bark, leaves, Juice are beneficial. Bark leaves are used in Ayurveda to cure various diseases. Fresh or dried bark leaves are used medicinally. Basak is famous as an expectarant for activating the medicinal plants for the salivary gland of the airway and basak one of most important medicinal plants for colds and cough.

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