



RANIGANJ GIRL'S COLLEGE DEPARTMENT OF GEOGRAPHY

TOPIC-QUALITATIVE STUDY OF MEDICINAL PLANT

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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)

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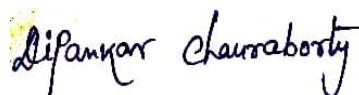
CERTIFICATE

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.

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Place: Raniganj

Date: 07.03.2022



State Aided College Teacher-II, Department of Geography

Signature of the supervisor with designation and department



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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



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ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my respectfull teacher Dipankar Chakraborty - Dept of Geography, Raniganj Girl's College for his sincere support and co-operation in the preparation of this Project of B.Sc Honours in Geography Semester-1, Environmental studies (AEE 101)

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 bark 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 bark leaf, warp 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 become pure. you can use it later.

Reason for choosing the medicinal plant 'Basak'

The word basak means fragrant. It is a herbaceous plant. Many time, 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 eat everyday right 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. Sans - Justice. This plant is found in India, Pakistan, Sri-Lanka, Vietnam and Malaysia. It is a well-known plant in Bangladesh and is found almost everywhere in India. We can plant this plant around the homestead. The fence is able to be planted on the boat. 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 expectorant 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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