

BOTANY PROJECT REPORT

Of B.Sc. 6th Semester Botany (Major)

“The study of medicinal plants of Tinsukia Town and its vicinity of Tinsukia District, Assam”

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CERTIFICATE


This certificate is a bonafide work performed by Bibek Saikia to certify that the project work entitled "The study of medicinal plants of Tinsukia Town and its vicinity of Tinsukia District, Assam" bearing
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 a major student of Botany of B.Sc. 6th semester, Tinsukia College is his own work and has been in the light of my supervision. The particular student has not only completed the project successfully under my keen guidance but has also gained extensive interest for the medicinal values of indigenous plants. He had followed all my instructions and also took interest for the completion of the project with his utmost sincerity.

I therefore, wish him all the Very Best for his coming future and hope that he could excel in his life in all fields of academic performances. It is recommended that this project report is to be placed before the examiner for evaluation.

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Acknowledgement

I am very thankful to the entire faculty members of the Department of Botany, Tinsukia College, for providing their valuable time and knowledge in elaborating view of studying the details required for the completion of the project and getting the right vision for its implementation.

In this regard, I would primarily like to pay my heartiest sense of gratitude and respect to our very own Dr. Apurba Bhaskar Gogoi, Associate Professor, Dept. of Botany, Tinsukia College for his cordial co-operation and guidance in making the project a great success.

Last but not the least; it is also my duty to owe my deep sense of gratitude to local medicine men inhabitants of Tinsukia Town for sharing their valuable knowledge during the study period. Without their support the present study would not have been possible to bring out successfully.

S
Bibek Saikia



Preface

People from ancient time are using plants as medicine in various common ailments. Our ancient literature also provides the information of using of using plants as medicine. About 90% of all plants are medicinal. But the drug which actually cures a disease is obtained from a particular part of a plant such as stem, leaves, root etc.

Medicinal plants, medicinal herbs, or simply herbs have been identified and used from prehistoric times. Plants make many chemical compounds for biological functions, including defence against insects, fungi and herbivorous mammals. Over 12,000 active compounds are known to science. These chemicals work on the human body in exactly the same way as pharmaceutical drugs, so herbal medicines can be beneficial and have harmful side effects just like conventional drugs. However, since a single plant may contain many substances, the effects of taking a plant as medicine can be complex.

Although in present scenario in every stage of our life style depend upon technology, yet some of us in some places depend upon the natural things. In curing disease almost 90% people believe in medicinal plant directly or indirectly as some valuable drugs are made up of such plants and some people directly use the plants as medicine.

Therefore, to aware the growing new generation I take a step forward to study about the medicinal property of various plants around us.

Photograph



Coriandrum sativum



Ageratum conyzoides



Spilenteros acmella



Allamanda nerifolia



Plantago major



Amaranthus spinosus



Mirabilis jalapa



Tagetes patula