

BOTANY PROJECT REPORT

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



**“The Study of Medicinal Plants
of Dinjan, Dibrugarh, Assam”**

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TINSUKIA COLLEGE, DIBRUGARH UNIVERISTY

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CERTIFICATE

This certificate is a bona-fide work performed by Reejumoni Boruah to certify that the project work entitled "**The Study of Medicinal Plants of Dinjan Village, District – Dibrugarh, Assam**" bearing Roll No. - **22520103**
Registration No. – **51626761**

A major student of Botany of B.Sc. 6th semester, Tinsukia College is her 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. She had followed all my instruction and also took interest for the completion of the project with her utmost sincerity.

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

Date: 27-5-2019

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I wish to express my sincere thanks to the Dibrugarh University for providing us with such project.

I place on record my sincere thank you Mr Rana Changmai, Principal of Tinsukia College, for his encouragement.

I am also grateful to Dr. Apurb Bhaskar Gogoi, Associate Professor of the Department of Botany. I am extremely thankful and indebted for him for sharing his expertise and sincere and valuable guidance and encouragement extended to me.

I take this opportunity to express gratitude to Dr. (Mrs) Sanjukta Gohain Boruah, Associate Professor and Head of the Department of Botany for her support and encouragement.

I also place on record, my sense of gratitude to one and all, who directly or indirectly, have lent their hand in this project.

Yours Sincerely,

Reejumoni Boruah

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PREFACE

People from ancient time are using plants as medicines in various common ailments. Our ancient literature also provides the information of using plants as medicines. 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, flowers, etc.

Medicinal plants, medicinal herbs or simply herbs has been identified and used from prehistoric times. Plants make many chemical compounds for biological functions, including disease 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 can have harmful side effects just like conventional drugs. However, since a single plant may contain many substances, the effect of taking a plant as a 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 plants directly or indirectly as some valuable drugs are made up of such plants and some people directly use the plants as medicines.

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

PHOTOGRAPHS

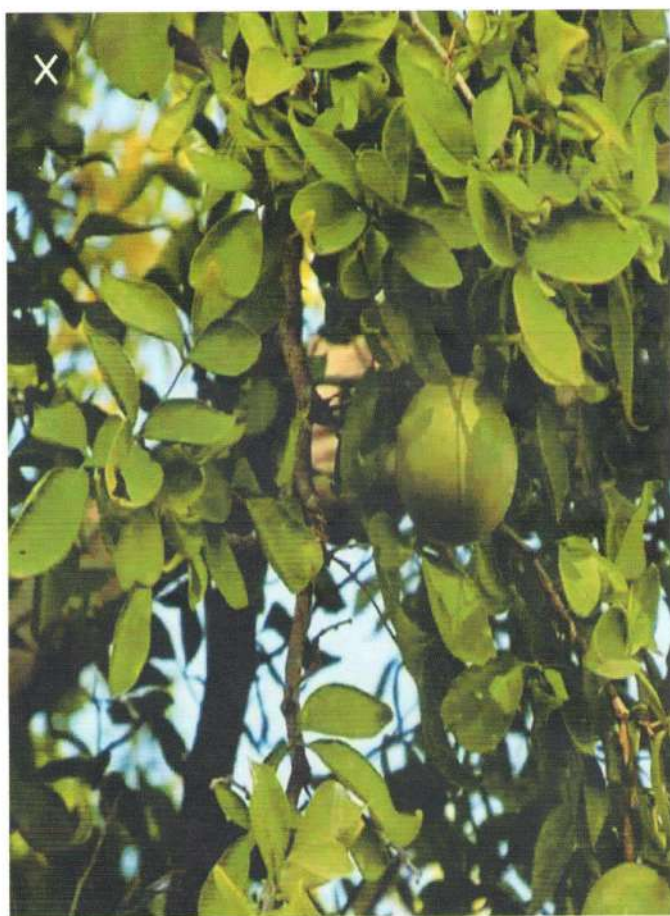
58



Averrhoa carambola



Carica papaya L.



Aegle marmelos (L.) Coreia.



Hibiscus rosa - sinensis



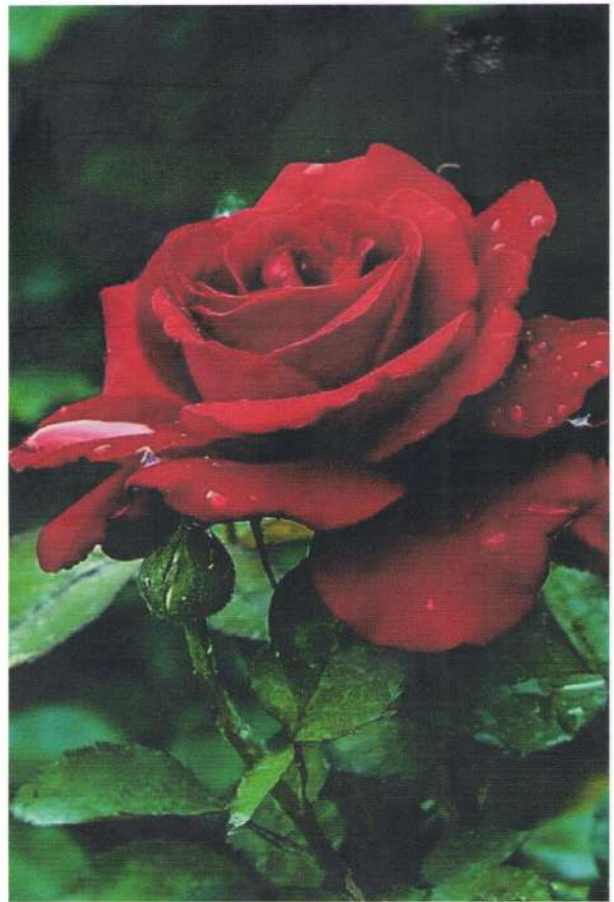
Terminalia arjuna



Solanum torvum



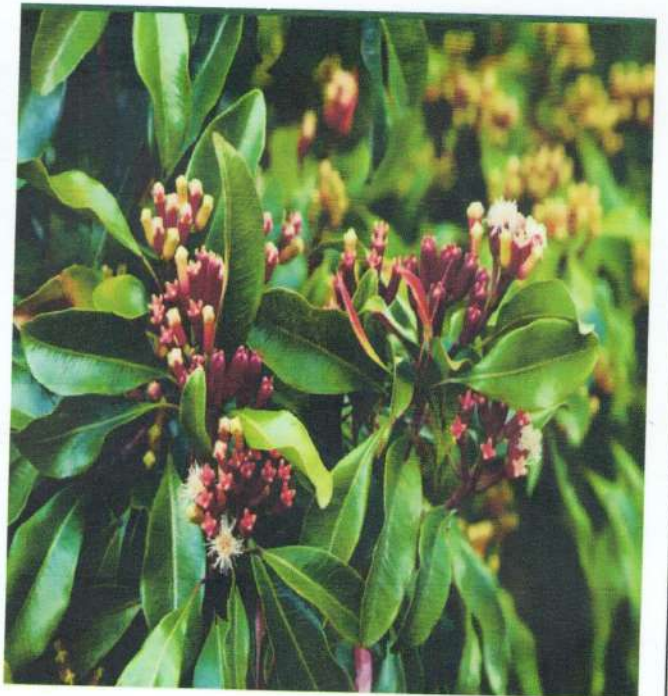
Morus alba



Rosa sp.



Phyllanthus emblica L.



Syzygium aromaticum (L.)



Smilax perfoliata Lour.



Polygonum plebeium