

# PROJECT WORK

## The Study of Medicinal Plants of Tinsukia Town

**Submitted by:-**

**NAME- Sweta Sutradhar**

**CLASS- B.Sc. 6<sup>th</sup> Semester**

**ROLL NO. - 16520117**

**REGN. NO. - S1744211**

**TINSUKIA COLLEGE (ASSAM)**

# CERTIFICATE

This certificate is a bonafide work performed by *SWETA SUTRADHAR* to certify that the project work entitled "**The study of medicinal plants of Tinsukia Town and its vicinity of Tinsukia District, Assam**" bearing Roll No. – 16520117, Regn. No. – S1744211 a major student of Botany of B.Sc. 6<sup>th</sup> Semester, Tinsukia College is her own work and has been in the light of my supervision. The particular student not only completed the project work successfully as a part of the syllabus as prescribed by the Dibrugarh University (for academic session 2020) under my keen guidance but has also gained extensive interest for the medicinal values of indigenous plants. She has 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 his 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.



*Sanjukta Gohain Baruah*  
22/10/2020

Head of the Department

Dr. Sanjukta Gohain Baruah

Dept. of Botany

Tinsukia College, Tinsukia

HEAD  
Department of Botany  
Tinsukia College

Examined  
29/10/20

## ACKNOWLEDGEMENT

It is my utmost privilege in representing the concerned project report which has been possible with the support of many individuals. Therefore, I would like to extend my sincere gratitude to all of them.

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

I would like to express my spontaneous gratitude and indebtedness to Dr. Sanjukta Gohain Baruah, Head of the Department, Tinsukia College for her valuable guide in the preparation and completion of this project.

I would also like to express my gratitude to Dr. Apurva Bhaskar Gogoi for his valuable guidance and encouragement extended to me.

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

## PREFACE

People from ancient time are using plants as medicine in various common ailments. Our ancient literature also provides the information 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, fruit, flower, stalk 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 contains 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 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.

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# CONCLUSION

### 5.1 Conclusion

The project work provides a very specific knowledge about various medicinal plants found in Tinsukia town and their uses in different diseases. The information regarding the disease can be considered as first hand and authentic. It is observed that the local people who use the herbal medicines gradually become adapted to the modern way of life and hence vast number of information regarding the herbal medicines are going to be lost. Again threaten to these plants come from gradual degradation of forests; hence the medicinal plants should be should be collected and cultured in proper manner.

The efficacy of the herbs depends on the total effect of the plant content and on the proportions of the plants then for preparing a medicine. So, proper proportions of different ingredients and processing and doses of the drugs are very important in ailments. Hence, more works have to be done in this field and only specialist should involve in the treatment from herbs to make the best.

While doing the survey I came to know about the vast medicinal uses of the plants and also got the opportunity to enrich my knowledge by interacting the people. This project work of medicinal plants has enlightened me with the knowledge of plants, their medicinal values and uses.